

1992

(419)

Frölich L, Riederer P (1992) Demenz vom Alzheimer-Typ: Biochemische Befunde und ätiologische Hypothesen. *Therapiewoche* 42 (9):500-505

(420)

Riederer P, Lange KW, Kornhuber J, Danielczyk W (1992) Glutamatergic-Dopaminergic Balance in the Brain. *Arzneim-Forsch/Drug Res* 42 (I):265-268

(421)

Gerlach M, Riederer P (1992) Biochemische Grundlagen der Psychosen. In: *Der Medizinische Notfall VI. Proceedings, Interdisziplinäres Forum für Med. Fortbildung, Neuhofen/Ybbs*, pp 65-71

(422)

Riederer P, Laux G, Pödlinger W (1992) *Neuro-Psychopharmaka*, Bd. 1, SpringerVerlag WienNewYork

(423)

Berger W, Riederer P (1992) 10.2 Neurotransmitter-Regelkreise. Riederer P, Laux G, Pödlinger (eds) *Neuro-Psychopharmaka*, Bd. 1. Springer-Verlag WienNewYork, pp 225-271

(424)

Müller WE, Riederer P, Kienzel E (1992) 9. Grundlegende Aspekte zur Neurotransmission. Riederer P, Laux G, Pödlinger (eds) *Neuro-Psychopharmaka*, Bd. 1. Springer-Verlag WienNewYork, pp 222-248

(425)

Sofic E, Riederer P, Schmidt B, Fritze J, Kollegger H, Dierks T, Beckmann H (1992) Biogenic amines and metabolites in CSF from patients with HIV infection. *Biogenic Amines* 8 (5):293-298

(426)

Riederer P, Lange KW (1992) Pathogenesis of Parkinson's disease. *Current Opinion in Neurology and Neurosurgery* 5:295-300

(427)

Gerlach M, Riederer P, Youdim MBH (1992) The molecular pharmacology of L-deprenyl. *European Journal of Pharmacology - Molecular Pharmacology Section* 226:97-108

(428)

Hiemke C, Baumann P, Breyer-Pfaff U, Gold R, Klotz U, Müller-Oerlinghausen B, Rao M-L, Riederer P, Wetzel H, Wiedemann K (1992) Drug Monitoring in Psychiatric Patients: Which Approach is Useful to Improve Psychopharmacotherapy? *Pharmacopsychiat* 25:72-74

(429)

Youdim MBH, Riederer P (1992) Iron in the Brain, and Parkinson's Disease. Encyclopedia of Neuroscience Suppl 2:87-90

(430)

Lange KW, Riederer P (1992) Morbus Parkinson - Biochemie und Pathophysiologie. TW Neurologie Psychiatrie März: 181-182

(431)

Konradi C, Kornhuber J, Sofic E, Heckers S, Riederer P, Beckmann H (1992) Variations of monoamines and their metabolites in the human brain putamen. Brain Res 579:285-290

(432)

Lange KW, Riederer P (1992) Oxidativer Streß und freie Radikale im Fokus. Therapiewoche 42 (27/28):1668 – 1872

(433)

Laux G, Classen W, Becker T, Struck M, Sofic E, Riederer P, Beckmann H (1992) Das psychotrope Wirkprofil neuentwickelter substituiertes Benzamide. Gaebel W, Laux G (ed) Biologische Psychiatrie. SpringerHeidelberg, pp 238-244

(434)

Wodarz N, Rupprecht R, Kornhuber J, Schmitz B, Wild K, Braner HU, Müller OA, Riederer P, Beckmann H (1992) Einfluß verschiedener endogener Glukokortikoidspiegel auf die immunologische Reaktionsfähigkeit in vitro lektinstimulierter Lymphozyten bei Patienten mit endogener Depression. Gaebel W, Laux G (eds) Biologische Psychiatrie. Springer Heidelberg, pp 437-439

(435)

Gerlach M, Riederer P (1992) Pharmakologie. Riederer P, Laux G, Pöldinger W (eds) Neuro-Psychopharmaka - Ein Therapiehandbuch; Band 5: Parkinsonmittel und Nootropika. Springer Heidelberg: 113-124

(436)

Gerlach M, Riederer P (1992) MAO-B-Hemmer, Einleitung Pharmakologie,Neurobiochemie, Wirkmechanismus. Neuro Psychopharmaka 5: 113-130

(437)

Sofic E, Lange KW, Jellinger K, Riederer P (1992) Reduced and oxidized glutathione in the substantia nigra of patients with Parkinson's disease. Neurosci Lett 142:128-130

(438)

Wodarz N, Rupprecht R, Kornhuber J, Schmitz B, Wild K, Riederer P (1992) Cell-mediated immunity and its gluco-corticoid-sensitivity after clinical recovery from severe major depressive disorder. Journal of Affective Disorders 25:31-28

(439)

Wodarz N, Fritze J, Kornhuber J, Riederer P (1992) ³H-Spiroperidol Binding to Human Peripheral Mononuclear Cells: Methodological Aspects. *Biol Psychiatry* 31:291-303

(440)

Laux G, Riederer P (1992) Plasmaspiegelbestimmung von Psychopharmaka: Therapeutisches Drug-Monitoring. Wissenschaftliche Verlagsgesellschaft mbH Stuttgart

(441)

Cirsi M, Laux G, Riederer P (1992) Plasmaspiegelbestimmungen psychotroper Substanzen mittels HPLC. Laux G, Riederer P (eds) Plasmaspiegelbestimmung von Psychopharmaka: Therapeutisches Drug-Monitoring. Wissenschaftliche Verlagsgesellschaft mbH Stuttgart, pp 33-39

(442)

Riederer P, Kornhuber J, Lange KW (1992) (1992) Die Glutamathypothese der Schizophrenie. In: Steinberg R (ed) Schizophrenie. Proceedings 17. Psychiatrie-Symposium. Tilia-Verlag, Mensch und Medizin, pp 94-103

(443)

Hinterhuber H, Ladurner G, Riederer P, Schnaberth G (1992) Alzheimer Forum. Verlag Integrative Psychiatrie, Innsbruck Wien

(444)

Jellinger K, Kienzl E, Rumpelmair G, Riederer P, Stachelberger H, Ben-Shachar D, Youdim MBH (1992) Iron-Melanin Complex in Substantia Nigra of Parkinsonian Brains: An X-Ray Microanalysis. *J Neurochem* 59:1168-1171

(445)

Götz ME, Freyberger A, Hauer E, Burger R, Sofic E, Gsell W, Heckers S, Jellinger K, Hebenstreit G, Frölich L, Beckmann H, Riederer P (1992) Susceptibility of Brains from Patients with Alzheimer's Disease to Oxygen-Stimulated Lipid Peroxidation and Differential Scanning Calorimetry. *Dementia* 3:213-222

(446)

Riederer P, Dirr A, Götz M, Sofic E, Jellinger K, Youdim MBH (1992) Distribution of Iron in Different Brain Regions and Subcellular Compartments in Parkinson's Disease. *Ann Neurol Suppl* 32:S101-S104

(447)

Przuntek H, Welzel D, Blümner E, Danielczyk W, Letzel H, Kaiser H-J, Kraus PH, Riederer P, Schwarzmann D, Wolf H, Überla K (1992) Bromocriptine lessens the incidence of mortality in L-Dopa-treated parkinsonian patients: Prado-study discontinued. *Eur J Clin Pharmacol* 43: 357-363

(448)

Riederer P, Laux G (1992) Therapeutic Drug Monitoring of Psychotropics: Report of a Consensus Conference. *Pharmacopsychiat* 25:271-272

(449)

Lange KW, Riederer P (1992) Neurobiologie des Morbus Parkinson. *ZNS Journal Ausgabe* 2:2-7

(450)

Riederer P, Wesemann W (1992) Pathobiology and Clinics of Basal Ganglia Disorders. *J Neural Transm [Suppl]* 38

(451)

Lange KW, Youdim MBH, Riederer P (1992) Neurotoxicity and Neuroprotection in Parkinson's disease. *J Neural Transm [Suppl]* 38:27-44

(452)

Ben-Shachar D, Eshel G, Riederer P, Youdim MBH (1992) Role of Iron and Iron Chelation in Dopaminergic-induced Neurodegeneration: Implication for Parkinson's Disease. *Ann Neurol* 32:S105-S110

(453)

Lange KW, Birkmayer W, Riederer P (1992) Pharmacological Therapy of Parkinson's disease: from neurotransmitter replacement to neuronal rescue. *New Trends in Clinical Neuropharmacology*, VI 1-4:37-41

1993

(454)

Gerlach M, Riederer P (1993) Chapter 2, The Pathophysiological Basis of Parkinson's Disease. Szelenyi I (ed) Inhibitors of Monoamine Oxidase B, Pharmacology and Clinical Use in Neurodegenerative Disorders. Birkhäuser Basel, pp 25-50

(455)

Gerlach M, Riederer P, Youdim MBH (1993) Chapter 9: The Mode of Action of MAO-B Inhibitors. Szelenyi I (ed) Inhibitors of Monoamine Oxidase B, Pharmacology and Clinical Use in Neurodegenerative Disorders. Birkhäuser Basel, pp 183 - 200

(456)

Riederer P, Youdim MBH (1993) Chapter 18, The Therapeutic Place and Value of Present and Future MAO-B Inhibitors - L-Deprenyl as the Gold Standard. Szelenyi I (ed) Inhibitors of Monoamine Oxidase B, Pharmacology and Clinical Use in Neurodegenerative Disorders. Birkhäuser Basel, pp 327 - 338

(457)

Riederer P, Birkmayer W (1993) Pathobiochemie der Depressionen (1). Ärztlich Praxis Nr. 14:27-29

(458)

Youdim MBH, Ben-Shachar D, Riederer P (1993) The Possible Role of Iron in the Etiopathology of Parkinson's Disease. Mov Disorders 8:1-12

(459)

Lesch KP, Wolozin BL, Estler HC, Murphy DL, Riederer P (1993) Isolation of a cDNA encoding the human brain serotonin transporter. J Neural Transm [GenSect-] 91:67-72

(460)

Gerlach M, Riederer P (1993) Gibt es biochemische Marker der Parkinson-Krankheit? P-A Fischer (ed) Parkinson-Krankheit, Verlaufsbezogene Diagnostik und Therapie. Editiones Roche, pp 3-17

(461)

Danielczyk W, Fischer P, Streifler M, Wichart I, Götz ME, Gsell W, Reichmann H, Danielczyk K, Riederer P (1993) Depressionen im Alter, bei Morbus Parkinson, seniler Demenz vom Alzheimer-Typ und Multiinfarkt Demenz. Klinische und biochemische Parameter. P-A Fischer (ed) Parkinson-Krankheit, Verlaufsbezogene Diagnostik und Therapie. Editiones Roche, pp 249-262

(462)

Götz ME, Dirr A, Freyberger A, Burger R, Riederer P (1993) The thiobarbituric acid assay reflects susceptibility to oxygen lipid peroxidation in vitro rather than levels of lipid hydroperoxides in vivo: a methodological approach. Neurochem Int 22 (3):255-262

(463)

Reichmann H, Lestienne P, Jellinger K, Riederer P (1993) Parkinson's Disease and the Electron Transport Chain in Postmortem Brain. H. Narabyashi, T. Nagatsu, N. Yanagisawa, Y. Mizuno (eds) *Advances in Neurology* 60:297-299

(464)

Youdim MBH, Ben-Shachar D, Riederer P (1993) Iron-Melanin Interaction and Parkinson's Disease. *News in Physiological Sciences (NIPS)* Vol 8:45-49

(465)

Gerlach M, Riederer P (1993) Parkinson-Syndrom und Chorea Huntington. *TW Neurologie Psychiatrie* 7:139-146

(466)

Riederer P, Birkmayer W (1993) Pathobiochemie der Depressionen - Ungleichgewicht zwischen den Überträgersystemen. *Ärztliche Praxi* 15:26-30

(467)

Riederer P, Winker N, Gsell W (1993) Pharmakologische Manipulation der Psyche. *Gert Hebenstreit Symposium, NeuhofenYbbs*

(468)

Deckert J, Berger W, Kleopa K, Heckers S, Ransmayr G, Heinsen H, Beckmann H, Riederer P (1993) Adenosine A1 receptors in human hippocampus: inhibition of [3H8]-cyclopentyl-1,3-dipropylxanthine binding by antagonist drugs. *Neurosci Lett* 150:191-194

(469)

Youdim MBH, Ben-Shachar D, Eshel G, Finberg JPM, Riederer P (1993) 38. Neurotoxicity of Iron and Nitric Oxide. Iron and Ferritin in Substantia Nigra in Parkinson's Disease. Narabyashi H, Nagatsu T, Yanagisawa N, Mizuno Y (eds) *Advances in Neurology*, Vol 60. Raven Press New York pp 259-266

(470)

Jellinger KA, Kienzl E, Rumpelmaier G, Paulus W, Riederer P, Stachelberger H, Youdim MBH, Ben-Shachar D (1993) 39. Iron and Ferritin in Substantia Nigra in Parkinson's Disease. Narabyashi H, Nagatsu T, Yanagisawa N, Mizuno Y (eds) *Advances in Neurology*, Vol 60. Raven Press New York pp 267 - 272

(471)

Riederer P, Lange KW, Youdim MBH (1993) 106. Recent Advances in Pharmacological Therapy of Parkinson's Disease. Narabyashi H, Nagatsu T, Yanagisawa N, Mizuno Y (eds) *Advances in Neurology*, Vol 60. Raven Press New York pp 626-635

(472)

Youdim MBH, Riederer P (1993) Dopamine metabolism and neurotransmission in primate brain in relationship to monoamine oxidase A and B inhibition. *J Neural Transm [GenSect]* 91:181-195

(473)

Reichmann H, Janetzky B, Klinge M, Riederer P (1993) Morbus Parkinson - eine Mitochondriopathie? *Nervenarzt* 64:215-220

(474)

Gerlach M, Russ H, Winker J, Witzmann K, Traber J, Stasch J-P, Riederer P, Przuntek H (1993) Effects of Nimodipine on the 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced Depletions in the Biogenic Amine Levels in Mice. *Arzneim.-Forschung/Drug Res.* 43 (I) 4:413 - 415

(475)

Kornhuber J, Riederer P (1993) N-Methyl-D-Aspartate (NMDA) antagonists in Parkinson's disease. *JNNP*, p 427

(476)

Frölich L, Dirr A, Riederer P, Hoyer S (1993) Effects of Long-Term Recovery from Transient Cerebral Ischemia in Rat Brain: Tissue Levels of Acetylcholine, Monoamines, and Their Metabolites. *Neurochem Res* 18 (12):1239-1244

(477) (nicht vergeben)

(478)

Jellinger K, Kienzl E, Rumpelmair G, Riederer P, Stachelberger H, Ben-Shachar D, Youdim MBH (1993) Neuromelanin and Nigrostriatal Dopamine Neuron Degeneration. *J Neurochem* 60:1976-1977

(479)

Gsell W, Lange KW, Pfeuffer R, Heckers S, Heinsen H, Senitz D, Jellinger K, Wichart I, Vock R, Beckmann H, Riederer P (1993) How to run a brain bank. A report from the Austro-German brain bank. *J Neural Transm [Suppl]*39:31-70

(480)

Reichmann H, Flörke S, Hebenstreit G, Schrubar H, Riederer P (1993) Analyses of energy metabolism and mitochondrial genome in post-mortem brain from patients with Alzheimer's disease. *J Neurol* 240:377-380

(481)

Kornhuber J, Weller W, Riederer P (1993) Glutamate receptor antagonists for neuroleptic malignant syndrome and akinetic hyperthermic Parkinsonian crisis. *J Neural Transm [P-D Sect]* 6:63-72

(482)

Hartmann J, König G, Riederer P (1993) Involvement of transmitter systems in neuropsychiatric diseases. *Acta Neurol Scand* 87 (Suppl) 146:18-21

(483)

Lesch KP, Gross J, Wolozin BL, Murphy DL, Riederer P (1993) Extensive sequence divergence between the human and rat brain vesicular monoamine transporter: possible molecular basis for species differences in the susceptibility to MPP+. *J Neural Transm [Gen-Sec]* 93:75-82

(484)

Kornhuber ME, Kornhuber J, Retz W, Riederer P (1993) L-Glutamate and L-aspartate concentrations in the developing and aging human putamen tissue. *J Neural Transm [GenSect]* 93:145-150

(485)

Deckert J, Bereznai B, Hennemann A, Gsell W, Götz M, Fritze J, Riederer P (1993) Nimodipine inhibits [3H]-nitrobenzylthioinosine binding to the adenosine transporter in human brain. *Europ J Pharmacol* 238:131-133

(486)

Gerlach M, Riederer P (1993) Human Brain MAO. Yasuhara H, Parvez SH, Oguchi K, Sandler M, Nagatsu T (eds) *Monoamine Oxidase: basic and clinical aspects*. VSP BV pp 147-158

(487)

Gsell W, Moll G, Sofic E, Riederer P (1993) Cholinergic and Monoaminergic Neurotransmitter Systems in Patients with Alzheimer's Disease and Senile Dementia of the Alzheimer Type: A Critical Evaluation. Maurer K (ed) *Dementias - Neurochemistry, Neuropathology, Neuroimaging, Neuropsychology, Genetics*. Vieweg Verlagsgesellschaft mbH Braunschweig, pp 25-51

(488)

Calne DB, Horowski R, Mizuno Y, Poewe WH, Riederer P, Youdim MBH (1993) *Advances in Research on Neurodegeneration, Vol I: Definitions, Clinical Features and Morphology*. Birkhäuser Boston Basel Berlin

(489)

Lange KW, Riederer P (1993) *The Natural History of Aging*. Calne DB, Horowski R, Mizuno Y, Poewe WH, Riederer P, Youdim MBH (eds). *Advances in Research on Neurodegeneration*. Birkhäuser Bosten Basel Berlin pp 25-35

(490)

Ozawa H, Katamura Y, Hatta S, Saito T, Katada T, Gsell W, Frölich L, Takahata N, Riederer P (1993) Alterations of guanine nucleotide-binding proteins in post-mortem human brain in alcoholics. *Brain Research* 620:174-179

(491)

Rausch WD, Riederer P (1993) Tyrosine Hydroxylase in Parkinson's Disease. Naoi M, Parvez SH (eds). *Tyrosine Hydroxylase: from Discovery to Cloning*. VSP Press, pp 225-235

(492)

Lange KW, Riederer P (1993) The Neurochemistry of Glutamate. Kempfski O (ed) Glutamate - Transmitter and Toxin. W. Zuckschwerdt Verlag München Bern Wien New York pp 31-43

(493)

Kornhuber J, Schoppmeyer K, Riederer P (1993) Affinity of 1-aminoadamantanes for the α -binding site in post-mortem human frontal cortex. *Neuroscience Lett* 163:129-131

(494)

Youdim MBH, Riederer P (1993) The Relevance of Glial Monoamine Oxidase-B and Polyamines to the Action of Selegiline in Parkinson's Disease. *Mov Disorders* 8 (Suppl 1): s8-s13

(495)

Lesch KP, Wolozin BJ, Murphy DL, Riederer P (1993) Primary Structure of the Human Platelet Serotonin Uptake Site: Identity with the Brain Serotonin Transporter. *J of Neurochem* 60:2319-2322

(496)

de Knecht RJ, Kornhuber J, Schalm SW, Rusche K, Riederer P, Tan J (1993) Binding of the Ligand [³H]MK-801 to the MK-801 Binding Site of the N-Methyl-D-Aspartate Receptor During Experimental Encephalopathy from Acute Liver Failure and from Acute Hyperammonemia in the Rabbit. *Metabolic Brain Disease* 7 (2):81-94

(497)

Gerlach M, Kornhuber J, Lange KW, Riederer P (1993) Neurochemical correlates of the interaction of dopaminergic GABA-ergic and glutamatergic systems in the motor loop of patients with Parkinson's disease. *Amino Acids* 5 (1) : 162

(498)

Ozawa H, Gsell W, Frölich L, Zöchling R, Pantuczek F, Beckmann H, Riederer P (1993) Imbalance of the Gs and Bi/o function in post-mortem human brain of depressed patients. *J Neural Transm [GenSect]* 94:63-69

(499)

Youdim MBH, Riederer P (1993) The role of iron in senescence of dopaminergic neurons in Parkinson's disease. *J Neural Transm [Suppl]*40:57-67

(500)

Riederer P, Rinne UK (1993) Selegiline in Parkinson's Disease. An Update. *Mov Disorders*, Vol 8

(501)

Lange KW, Löschmann P-A, Sofic E, Burg M, Horowski R, Klavaram KT, Wachtel H, Riederer P (1993) The competitive NMDA antagonist CPP protects substantia nigra neurons from MPTP-induced degeneration in primates. *Naunyn-Schmiedeberg's Arch Pharmacol* (1993) 348:586-592

(502)

Riederer P, Youdim MBH (1993) Iron in Central Nervous System Disorders. Key Topics in Brain Research. Springer Verlag WienNewYork

(503)

Lange KW, Kornhuber J, Kruzik P, Rausch WD, Gabriel E, Jellinger K, Riederer P (1993) Brain iron and schizophrenia. Riederer P, Youdim MBH (1993) Iron in Central Nervous System Disorders. Key Topics in Brain Research, SpringerVerlagWienNewYork, pp 37 - 43

(504)

Götz ME, Dirr A, Gsell W, Burger R, Freyberger, Riederer P (1993) Some reflections on iron dependent free radical damage in the central nervous system. Riederer P, Youdim MBH (1993) Iron in Central Nervous System Disorders. Key Topics in Brain Research, SpringerVerlagWienNewYork, pp 45-54

(505)

Kornhuber J, Riederer P (1993) Anmerkungen zur Glutamat-Hypothese der Schizophrenien. Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 8-12

(506)

Fritze J, Lanczik M, Maurer K, Sofic E, Riederer P (1993) Adrenerg-cholinerg Gleichgewichtshypothese der Depression: der α_2 -adrenerge Agonist Clonidin antagonisiert nicht das Physostigmin-Syndrom. Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 198-201

(507)

Riederer P, Laux G (1993) Therapeutisches Drug-Monitoring (TDM): Bericht einer Konsensus-Konferenz. Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 647-649

(508)

Riederer P, Götz M, Retz W, Becker T, Kornhuber J, Danielczyk W (1993) Biochemische Veränderungen im Verlaufe von psychiatrischen Therapieversuchen - eine kritische Stellungnahme. Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 731-737

(509)

Bereznai B, Deckert J, Hennemann A, Gsell W, Götz M, Fritze J, Beckmann H, Riederer P (1993) Hemmung der Bindung von (3H) Nitrobenzylthioinosin durch Adenosin Transporthemmer und Dihydropyridin Kalzium Kanal Blocker im menschlich Kortex. Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 753-755

(510)

Kleopa K, Deckert J, Berger W, Heckers S, Ransmayr G, Heinsen H, Beckmann H, Riederer P (1993) Hemmung der Bindung von (2H)DPCPX im menschlichen Hippocampus durch Adenosin Rezeptor Antagonisten. Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 761-764

(511)

Hennemann A, Deckert J, Bereznai B, Gsell W, Götz M, Fritze J, Beckmann H, Riederer P (1993) Heterogenität von Adenosin Transportern als Grundlage der Entwicklung ZNS-spezifischer Adenosin Transport Hemmer? Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 765-767

(512)

Hartmann J, König G, Deckert J, Gsell W, Heinsen H, Ransmayr G, Beckmann H, Riederer P (1993) Pharmakologische Untersuchungen der Glyzin-Bindungsstelle des NMDA-Rezeptors an humanem post-mortem Hippocampusgewebe mittels quantitativer Autoradiographie. Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 768-770

(513)

Lange KW, Oesterreicher E, Fischer U, Gsell W, Kornhuber J, Sofic E, Beckmann H, Riederer P (1993) Verteilung von Kainatrezeptoren im menschlichen Gehirn. Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 775-777

(514)

Berger W, Deckert J, Hartmann J, Krotzer C, Kornhuber J, Kleopa K, Heckers S, Ransmayr G, Heinsen H, Wree A, Beckmann H, Riederer P (1993) Autoradiographische Darstellung von NMDA-Glutamat-Rezeptoren im post mortem Hippocampus. Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 774-775

(515)

König G, Hartmann J, Niedermeyer B, Deckert J, Heinsen H, Ransmayr G, Kornhuber J, Beckmann H, Riederer P (1993) Autoradiographische Untersuchungen des glutamatergen AMPA-Rezeptors am menschlichen Hippocampus. Baumann P (ed) Biologische Psychiatrie der Gegenwart, SpringerVerlag WienNewYork, pp 771-773

(516)

Youdim MBH, Riederer P (1993) Iron transferrin, ferritin and melanin in nigral cell death in Parkinson's disease. Wolters Ech, Scheltens P (eds) Mental Dysfunction in Parkinson's Disease. Vrije Universiteit Amsterdam pp 35-48

(517)

Wodarz N, Fritze J, Riederer P, Beckmann H (1993) 3H-Spiroperidol Binding to Peripheral Mononuclear Cells in Schizophrenic and Healthy Subjects. Biol Psychiatry 33:727-733

(517a)

Frölich L, Weinmüller M, Barth N, Murach W, Götz M, Dirr A, Gsell W, Beckmann H, Riederer P (1993) Effects of α -lipoic acid on mitochondrial dehydrogenases in cortical regions of post-mortem brain in dementia of Alzheimer type. *Eur Neuropsychopharmacol* 3:417-418

1994

(518)

Gerlach M, Jellinger K, Riederer P (1994) The possible role of noradrenergic deficits in selected signs of Parkinson's disease. Briley M, Marien M (eds) *Noradrenergic mechanisms in Parkinson's disease*. CRC Press Boca Raton Ann Arbor London Tokyo, pp 59-71

(519)

Lesch KP, Balling U, Gross J, Strauss K, Wolozin BL, Murphy DL, Riederer P (1994) Organization of the human serotonin transporter gene. *J Neural Transm [Gen Sect]* 95:157-162

(520)

Götz ME, Dirr A, Burger R, Janetzky B, Weinmüller M, Chan WW, Chan SC, Reichmann H, Rausch WD, Riederer P (1994) Effect of lipoic acid on redox state of coenzyme Q in mice treated with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine and diethyldithiocarbamate. *Europ J of Pharmacol - Mol Pharmacol Sect* 266:291-300

(521)

Reichmann H, Riederer P (1994) *Mitochondrial Disturbances in Neurodegeneration*. Calne DB (ed) *Neurodegenerative Diseases*. W.B. Saunders Company Philadelphia London Toronto Montreal Sydney Tokyo, pp 195-204

(522)

Gerlach M, Riederer P (1994) Effects of Disease and Aging on Monoamine Oxidases A and B. Lieberman A, Olanow WC, Youdim MBH, Tipton K (eds) *Monoamine Oxidase Inhibitors in Neurological Diseases*. Marcel Dekker New York Basel Hong Kong pp 21-30

(523)

Youdim MBH, Ben-Shachar D, Riederer P (1994) Multiple Forms of Monoamine Oxidase and Iron: Their Relevance to the Pathology and Treatment of Parkinson's Disease. Lieberman A, Olanow WC, Youdim MBH, Tipton K (eds) *Monoamine Oxidase Inhibitors in Neurological Diseases*. Marcel Dekker New York Basel Hong Kong pp 127-160

(524)

Janetzky B, Hauck S, Youdim MBH, Riederer P, Jellinger K, Pantucek F, Zöchling R, Boissl KW, Reichmann H (1994) Unaltered aconitase activity, but decreased complex I activity in substantia nigra pars compacta of patients with Parkinson's disease. *Neurosci Lett* 169:126-128

(525)

Künig G, Hartmann J, Niedermeyer B, Deckert J, Ransmayr G, Heinsen H, Beckmann H, Riederer P (1994) Excitotoxins 1- β -oxalyl-amino-alanine (L-BOAA) and 3,4,6-trihydroxyphenylalanine (6-OH-DOPA) inhibit [3 H] α -amino-3-hydroxy-5-methyl-4-isoxazole-propionic acid (AMPA) binding in human hippocampus. *Neurosci Lett* 169:219-222

(526)

Böckelmann R, Wolf G, Ransmayr G, Riederer P (1994) NADPH-diaphorase/nitric oxide synthase containing neurons in normal and Parkinson's disease putamen. *J Neural Transm [P-D-Sect]* 7 115-121

(527)

Youdim MBH, Ben-Shachar D, Riederer P (1994) A Racial Basis of Nigrostriatal Dopamine Cell Death in Parkinson's Disease. Racagni G, Brunello N, Langer SZ (eds) *Recent Advances in the Treatment of Neurodegenerative Disorders and Cognitive Dysfunction*. *Int. Acad Biomed Drug Res Basel, Karger, Vol 7:229-217*
President's Workshop - Capri

(528)

Mogi M, Harada M, Riederer P, Narabayashi H, Fujita K, Nagatsu T (1994) Tumor necrosis factor- α (TNF- α) increases both in the brain and in the cerebrospinal fluid from parkinsonian patients. *Neurosci Lett* 165:208-210

(529)

Gerlach M, Riederer P (1994) Pathobiochemische Befunde bei extrapyramidal-motorischen Erkrankungen. Huffmann G, Braune H-J, Henn K-H (eds) *Extrapyramidal-motorische Erkrankungen*. Einhorn-Press Verlag, pp49-59

(530)

Lange KW, Kornhuber J, Riederer P (1994) Glutamaterge Mechanismen im Gehirn bei Bewegungsstörungen und Schizophrenie. *Neuropsychiatrie, Band 3, Heft2:107-119*

(531)

Gerlach M, Youdim MBH, Riederer P (1994) Is selegiline neuroprotective in Parkinson's Disease. *J Neural Transm [Suppl]* 41:177-188

(532)

Gerlach M, Riederer P (1994) New Approaches in the Treatment of Parkinson's Disease. Crommelin DJA, Midha KK, Nagai T (eds). *Topics in Pharmaceutical Sciences 1993*. Medpharm Scientific Publishers Stuttgart, pp 123-148

(533)

Götz M, König G, Riederer P, Youdim MBH (1994) Oxidative Stress: Free Radical Production in Neural Degeneration. *Pharmac Ther* 63:37-122

(534)

Kornhuber J, Lange KW, Kruzik P, Rausch WD, Gabriel E, Jellinger K, Riederer P (1994) Iron, Copper, Zinc, Magnesium and Calcium in Postmortem Brain Tissue from Schizophrenic Patients. *Biol Psychiat* 36:31-34

(535)

Chen Ts, Chan WW, Koutsilieri E, Spatz M, Riederer P, Rausch WD (1994) Protection against the neurotoxicity of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP): An animal model for parkinsonism. Proceedings, 1994, science, Engineering and Technology Seminar, Texas

(536)

Gerlach M, Riederer P, Youdim MBH (1994) Effects of Disease and Aging on Monoamine Oxidases A and B. Lieberman A, Olanow CW, Youdim MBH, Tipton K (eds). Monoamine Oxidase Inhibitors in Neurological Diseases. Marcel Dekker Inc. New York Basel Hong Kong pp 21-30

(537)

Youdim MBH, Ben-Shachar D, Riederer P (1994) Multiple Forms of Monoamine Oxidase and Iron: Their Relvenance to the Pathology and Treatment of Parkinson's Disease. Lieberman A, Olanow CW, Youdim MBH, Tipton K (eds). Monoamine Oxidase Inhibitors in Neurological Diseases. Marcel Dekker Inc. New York Basel Hong Kong pp 127-160

(538)

Berger W, Deckert J, Hartmann J, Krotzer C, Kornhuber J, Ransmayr G, Heinsen H, Beckmann H, Riederer P (1994) Memantine inhibits [³H]MK-801 binding to human hippocampal NMDA receptors. NeuroReport 5:1237-1240

(539)

Youdim MBH, Riederer P (1994) Oxidant stress effects on nigral cell death: Prospects for neuroprotection. Europ Neuropsychopharmacol, 4 (3):226-227

(540)

Takamidoh H, Takahashi A, Hagihara M, Hashizume Y, Takagi S, Riederer P, Horowski R, Nagatsu T (1994) G-proteins (Go, Gi) in the striatum in Parkinson's disease. Biogenic Amines, 10 (5):421-427

(541)

Ransmayr G, Benesch H, Nowakowski C, König G, Heinsen H, Riederer P, Hersch LB (1994) Neurofibrillary tangles without cell loss in the lateral vesitublar nucleus of patients with Alzheimer's disease. Neuroscience Lett 177:11-14

(542)

Gerlach M, Kuhn W, Müller T, Riederer P (1994) Therapeutische Ansätze zur neurodegenerativen Protektion. Akt Neurol 21:151-161

(543)

Gerlach M, Ben-Shachar D, Riederer P, Youdim MBH (1994) Altered Brain Metabolism of Iron as a Cause of Neurodegenerative Diseases? J Neurochem 63 (4):793-807

(544)

Ichinose H, Ohye T, Fujita K, Pantucek F, Lange KW, Riederer P, Nagatsu T (1994) Quantification of mRNA of tyrosine hydroxylase and aromatic L-amino acid decarboxylase in the substantia nigra in Parkinson's disease and schizophrenia. *J Neural Transm [PD-Sect]*

(545)

Riederer P, Youdim MBH (1994) A site-specific inflammation causing disturbed blood-brain barrier and oxidative stress as pathogenic basis of Parkinson's disease?

Poewe W, Lees AJ (eds) *Levodopa - the first 25 years. Proceedings of the symposium, Berlin, October 1994. Editiones Roche Basel, pp145-156*

(546)

Koutsilieri E, O'Callaghan JFX, Chen T-S, Riederer P, Rausch W-D (1994) Selegiline enhances survival and neurite outgrowth of MPP⁺-treated dopaminergic neurons. *Europ J of Pharmacol - Mol Pharmacol Sect* 269:R-3-R4

(547)

Riederer P, Fritze J, Youdim MBH (1994) *Neuroprotection in Neurodegeneration, Suppl 43. Springer-Verlag Wien New York*

(548)

Hartmann J, Ransmayr G, Riederer P (1994) The glycine binding site of the NMDA receptor: involvement in neurodegeneration and new approach for neuroprotection. *J Neural Transm (Suppl)* 43:53-57

(549)

Künig G, Niedermeyer B, Krause F, Hartmann J, Deckert J, Ransmayr G, Heinsen H, Beckmann H, Riederer P (1994) Interactions of neurotoxins with non-NMDA glutamate receptors: an autoradiographic study. *J Neural Transm (Suppl)* 43:59-62

(550)

Kornhuber J, Weller M, Schoppmeyer K, Riederer P (1994) Amantadine and memantine are NMDA-receptor antagonists with neuroprotective properties. *J Neural Transm (Suppl)* 43:91-104

(551)

Youdim MBH, Ben-Shachar D, Riederer P (1994) The enigma of neuromelanin in Parkinson's disease substantia nigra. *J Neural Transm (Suppl)* 43: 113-122

(552)

Götz ME, Dirr A, Gsell W, Burger R, Janetzky B, Freyberger A, Reichmann H, Rausch WD, Riederer P (1994) Influence of N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine, lipoic acid and L-deprenyl on the interplay between cellular redox systems. *J Neural Transm (Suppl)* 43:145-162

(553)

Lange KW, Rausch WD, Gsell W, Naumann M, Oesterreicher E, Riederer P (1994) Neuroprotection by dopamine agonists. *J Neural Transm (Suppl)* 43:183-201

(554)

Frölich L, Dirr A, Götz ME, Taneli, Thome J, Lesch KP, Ihl R, Dierks T, Blum-Degen D, Riederer P, Maurer K (1994) Neurochemical investigations in patients with dementia of Alzheimer type and their clinical value. Jellinger KA, Ladurner G, Windisch M (eds). *New Trends in the Diagnosis and Therapy of Alzheimer's Disease. Key Topics in Brain Research.* SpringerWienNewYork pp 70-80

(555)

Reichmann H, Janetzky B, Riederer P (1994) Disturbances in Parkinson's Disease. Mizuno Y et al. (eds). *Advances in Research on Neurodegeneration, II.* Birkhäuser Boston pp 169-176

(556)

Youdim MBH, Ben-Shachar D, Riederer P (1994) Iron and Parkinson's Disease. Mizuno Y et al. (eds). *Advances in Research on Neurodegeneration, II.* Birkhäuser Boston pp 63-78

(557)

Lange KW, Riederer P, Youdim MBH (1994) Biochemical actions of L-deprenyl (selegiline). *Clin Pharmacol & Therapeutics*, 56 (6) Part 2:734-741

(558)

Oesterreicher E, Sengstock GJ, Riederer P, Olanow CW, Dunn AJ, Arendash GW (1994) Degeneration of nigrostriatal dopaminergic neurons increases iron within the substantia nigra: a histochemical and neurochemical study. *Brain Res* 600:8-18

(559)

Fischer P, Götz ME, Ellinger B, Streifler M, Riederer P, Danielczyk W (1994) Platelet Monoamine Oxidase B Activity and Vitamin B₁₂ in Dementia. *Biol Psychiatry* 35: 772-774

(560)

Mogi, M, Harada M, Kondo T, Riederer P, Inagaki H, Minami M, Nagatsu T (1994) Interleukin-1 β , interleukin-6, epidermal growth factor and transforming growth factor- α are elevated in the brain from parkinsonian patients. *Neurosci Lett* 180:147-150

(561)

Deckert J, Hennemann A, Bereznai B, Fritze J, Vock R, Marangos PJ, Riederer P (1994) (³H)dipyridamole and (³H)-nitrobenzylthioinosine binding sites at the human parietal cortex and erythrocyte adenosine transporter: a comparison. *Life Sciences* 55 (21):1675-1682

(562)

Münch G, Taneli Y, Schraven E, Schindler U, Schinzel R, Palm D, Riederer P (1994) The cognition-enhancing drug tenilsetam is an inhibitor of protein crosslinking by advanced glycosylation. *J Neural Transm [P-D Sect]*8:193-208

(563)

Wesemann W, Blaschke S, Solbach M, Grote C, Clement HW, Riederer P (1994) Intranigral injected iron progressively reduces striatal dopamine metabolism. *J Neural Transm [P-D-Sect]* 8:209-214

(564)

Lesch KP, Stöber G, Balling U, Franzek E, Li SH, Ross CA, Newman M, Beckmann H, Riederer P (1994) Triplet repeats in clinical subtypes of schizophrenia: variation at the DRPLA (B 37 CAG repeat) locus is not associated with periodic catatonia. *J Neural Transm [GenSect]* 98:153-157

(565)

Lange KW, Riederer P (1994) Neue Entwicklungen der Pharmakotherapie des Morbus Parkinson. Kuhn W, Büttner T, Heinemann W, Frey C, Schneider K, Zierden E, Przuntek H (eds). *Altern, Gehirn und Persönlichkeit*. Verlag Hans Huber Bern Göttingen Toronto Seattle, pp 338-344

(566)

Youdim MBH, Lavie L, Riederer P (1994) Oxygen Free Radicals and Neurodegeneration in Parkinson's Disease: A Role for Nitric Oxide. Chiueh CC, Gilbert DL, Colton CA (eds) *The Neurobiology of NO and OH^a*. *Annals of the New York Academy of Sciences*, Vol 738, pp 64-67

(566a)

Götz ME, Hartmann J, Riederer P (1994) Was ist Neuroprotektion? Hoffmann La Roche: *Parkinson-Krankheit*, PA Fischer (ed): 255-282

(567)

Lange KW, Riederer P (1994) Glutamatergic Drugs in Parkinson's Disease. *Life Sciences*, 55: 2067-2075

(567a)

Reichmann H, Janetzky B, Riederer P, Gsell W, Jellinger K (1994) Funktionsstörungen eisenabhängiger Enzyme des Energiestoffwechsels in verschiedenen Geweben von Morbus Parkinson-Patienten. Hoffmann La Roche: *Parkinson-Krankheit*, PA Fischer (ed): 81-88

(568)

Thome J, Rösler M, Riederer P (1994) Morbus Alzheimer - Freie Radikale als Verlaufsmulatoren? *Therapiewoche* 44 (34):1968-1970

(568a)

„Arbeitsgruppe Morbus Parkinson“, Baas H, Besinger U, Deuschl G, Glaß J, Kissel H, Oertel W, Poewe W, Riederer P, Schneider E (1994) Früh- und Differentialdiagnose des Parkinson-Syndroms. *Deutsches Ärzteblatt - Ärztliche Mitteilungen*, Supp. 16: 1115-1124

1995

(569)

Kolasiewicz W, Jaros T, Heim C, Melzacka M, Sieklucka M, Weiner N, Wesemann W, Riederer P, Sontag KH (1995) Injection of a munsclue dose of FeCL₃ within the ventrolateral striatum causes a chronic disturbance of the integrative function within the limbic part of the ventral striatum. J Neural Transm [P-D Sect] 9 : 15- 29

(570)

Mogi M, Harada M, Kondo T, Riederer P, Nagatsu T (1995) Brain β_2 -microglobulin levels are elevated in the striatum in Parkinson´s disease. J Neural Transm [P-D Sect] 9 : 87 - 92

(571)

W, Conrad R, Hicketier M, Sofic E, Frölich L, Wichart I, Jellinger K, Moll G, Ransmayr G, Beckmann H, Riederer P (1995) Decreased Catalase Activity but Unchanged Superoxide Dismutase Activity in Brains of Patients with Dementia of Alzheimer´s Type. J Neurochem 64 : 1216-1223

(572)

Frölich L, Riederer P (1995) Free Radicals Mechanisms in Dementia of Alzheimer Type and the Potential for Antioxidative Treatment. *Arzneim.-Forschung/Drug Res.* 45 (I):443 - 446

(573)

Künig G, Hartmann J, Krause F, Deckert J, Heinsen H, Ransmayr G, Beckmann H, Riederer P (1995) Regional differences in the interaction of the excitotoxins domoate and L- β -oxalyl-amino-alanine with [³H]kainate binding sites in human hippocampus. *Neurosci Lett* 187: 107-110

(574)

Kupsch A, Gerlach M, Pupeter SC, Sautter J, Dirr A, Arnold G, Opitz W, Przuntek H, Riederer P, Oertel WH (1995) Pretreatment with nimodipine prevents MPTP-induced neurotoxicity at the nigral, but not at the striatal level in mice. *NeuroReport* 6: 621 - 625

(575)

Reichmann H, Janetzky B, Riederer P, Gsell W, Jellinger K (1995) Funktionsstörungen eisenabhängiger Enzyme des Energiestoffwechsels in verschiedenen Geweben von Morbus-Parkinson-Patienten. Fischer PA (ed) *Parkinson-Krankheit. Bedeutung nichtdopaminerges Funktionsstörungen.* Editiones Roche Basel Grenzach-Wyhlen, pp 81-88

(576)

Götz ME, Hartmann J, Riederer P (1995) Was ist Neuroprotektion? Fischer PA (ed) *Parkinson-Krankheit. Bedeutung nichtdopaminerges Funktionsstörungen.* Editiones Roche Basel Grenzach-Wyhlen, pp 255 - 282

(577)

Gerlach M, Riederer P, Youdim MBH (1995) Neuroprotective Therapeutic Strategies - Comparison of Experimental and Clinical Results *Biochem Pharmacol* 50 (1) : 1 - 16

(578)

Mogi M, Harada M, Kondo T, Narabayashi H, Riederer P, Nagatsu T (1995) Transforming growth factor- β 1 levels are elevated in the striatum and in ventricular cerebrospinal fluid in Parkinson's disease. *Neurosci Lett* 193: 129 - 132

(579)

Janetzky B, Hauck s, Youdim MBH, Riederer P, Jellinger K, Pantucek F, Zöchling R, Boissl KW, Reichmann H (1995) Unaltered aconitase activity, but decreased complex I activity in substantia nigra pars compacta of patients with Parkinson's disease. *Neurosci Lett* 169:126-128

(580)

Gerlach M, Trautwein AX, Zecca L, Youdim MBH, Riederer P (1995) Mössbauer spectroscopic studies of purified human neuromelanin isolated from the substantia nigra. *J Neurochem* 65:923-926

(581)

Janetzky B, Schmid C, Riederer P, Reichmann H (1995) Is the point mutation in codon 331 of the mitochondrial ND1 gene associated with Alzheimer's disease? Hanin I, Yoshida M, Fisher A (eds) *Alzheimer's and Parkinson's Diseases. Advances in Behavioral Biology Vol 44*, Plenum Press New York and London, pp 693-697

(582)

Kornhuber J, Quack G, Danysz W, Jellinger K, Danielczyk W, Gsell W, Riederer P (1995) Therapeutic Brain Concentration of the NMDA Receptor Antagonist Amantadine *Neuropharmacol* (34) 7:713-721

(583)

Ozawa H, Saito T, Hatta S, Hashimoto E, Frölich L, Oshika H, Takahata N, Riederer P (1995) Reduced Sensitivity to Ethanol of $G_{s\alpha}$ and $G_{i/o\alpha}$ in the Cerebral Cortex of Alcoholic Patients. *Alcohol and Alcoholism* (29) S1 93: 97

(584)

Riederer P (1995) Pathobiochemie der Vigilanz- und Antriebsstörungen - tierexperimentelle Daten. Proceedings, 3. Rheingauer Gespräche, Erbach im Rheingau März 1995, MMV Medizin Verlag GmbH München, pp 27-36

(585)

Müller WE, Mutschler E, Riederer P (1995) Noncompetitive NMDA Receptor Antagonists with Fast Open-Channel Blocking Kinetics and Strong Voltage-Dependency as Potential Therapeutic Agents for Alzheimer's Dementia. *Pharmacopsychiat* 28 : 113-124

(586)

Fischer B, Schmoll H, Riederer P, Bauer J, Platt D, Popa-Wagner A (1995) Complement C1 and C3 mRNA expression in the frontal cortex of Alzheimer's patients. *J Mol Med* 73:465 - 471

(587)

Thome J, Riederer P (1995) Neurobiologie der Aggressivität. Nissen G (ed) Aggressivität und Gewalt. Verlag Hans Huber, pp 29-38

(588)

Ozawa H, Saito T, Frölich L, Hashimoto E, Hatta S, Ohshika H, Rasenick MM, Takahata N, Riederer P (1995) Quantity and quality changes of g protein in dementia of the Alzheimer type. Hanin I, Fisher A (eds) Alzheimer's and Parkinson's Diseases. *Advances in Behavioral Biology*, Plenum Press New York and London, 44: 291 -296

(589)

Deutsche Parkinson-Studiengruppe (1995) Pharmakotherapie des Morbus Parkinson. Bericht einer Konsensuskonferenz. *Neuropsychiatrie*, 1 (1): 45-58

(590)

Kornhuber J, Parsons CG, Hartmann S, Retz W, Kamolz S, Thome J, Riederer P (1995) Orphenadrine is an uncompetitive N-methyl-D-aspartate (NMDA) receptor antagonist: binding and patch clamp studies. *J Neural Transm [Gen Sect]* 102:237-246

(591)

Heils A, Teufel A, Petri S, Seemann M, Bengel D, Balling U, Riederer P, Lesch KP (1995) Functional promoter and poly-adenylation site mapping of the human serotonin (5-HT) transporter gene. *J Neural Transm [Gen Sect]* 102 : 247-254

(592)

Riederer P, Gsell W, Calza L, Franzek E, Jungkunz G, Jellinger K, Reynolds GP, Crow T, Cruz-Sanchez FF, Beckmann H (1995) Consensus on minimal criteria of clinical and neuropathological diagnosis of schizophrenia and affective disorders for post mortem research. *J Neural Transm [Gen Sect]* 102:255-264

(593)

Thome J, Baumer A, Kornhuber J, Rösler M, Riederer P (1995) Alpha-1-antichymotrypsin bi-allele polymorphism, apolipoprotein-E triallele polymorphism and genetic risk of Alzheimer's syndrome. *J Neural Transm [P-D Sect-]* 10:207-212

(594)

Reichmann H, Janetzky B, Riederer P (1995) Iron-dependent enzymes in Parkinson's disease. *J Neural Transm* 46:157-164

(595)

Riederer P, Wesemann W eds. (1995). Parkinson's Disease: Experimental Models and Therapy. *J Neural Transm Suppl* 46, Springer Verlag Wien/New York, Wien

(596)

J, Herr B, Thome J, Riederer P (1995) The antiparkinsonian drug budipine binds to NMDA and sigma receptors in postmortem human brain tissue. *J Neural Transm* 46:131-137

(597)

Blum-Degen D, Frölich L, Hoyer S, Riederer P (1995) Altered regulation of brain glucose metabolism as a cause of neurodegenerative disorders? *J Neural Transm* 46:139-147

(598)

Götz ME, Dirr A, Burger R, Rausch W-D, Riederer P (1995) High dose selegiline augments striatal ubiquinol in mouse: an indication of decreased oxidative stress or of interference with mitochondrial respiration? A pilot study. *J Neural Transm* 46: 149-156

(599)

Wesemann W, Solbach M, Nafe R, Grote C, Sontag KH, Riederer P, Jellinger K, Mennel HD, Clemmet HW (1995) Effect of lazardoid U-k74389G on iron-induced reduction of striatal dopamine metabolism. *J Neural Transm* 46:175-182

(600)

Bringmann G, God R, Feineis D, Wesemann W, Riederer P, Rausch WD, Reichmann H, Sontag KH (1995) The TaClo concept: 1-trichloromethyl-1,2,3,4-tetrahydro- β -carbolin (TaClo), a new toxin for dopaminergic neurons. *J Neural Transm [Suppl]* 46: 275-281

(601)

Grote C, Clement HW, Wesemann W, Bringmann G, Feineis D, Riederer P, Sontag KH (1995) Biochemical lesions of the nigrostriatal system by TaClo (1-trichloromethyl-1,2,3,4-tetrahydro- β -carbolin) after subchronic treatment in rats. *J Neural Transm [Suppl]* 46:283-289

(603)

Kornhuber J, Retz W, Riederer P (1995)

Slow accumulation of psychotropic substances in the human brain. Relationship to therapeutic latency of neuroleptic and antidepressant drugs?

J Neural Transm [Suppl] 46:315-323

(604)

Lesch KP, Gross J, Franzek E, Wolozin BL, Riederer P, Murphy DL (1995)

Primary Structure of the Serotonin Transporter in Unipolar Depression and Bipolar Disorders. *Biol Psychiatry* 37:215-223

(605)

-Degen D, Müller T, Kuhn W, Gerlach M, Przuntek H, Riederer P (1995)

Interleukin-1 β and interleukin-6 are elevated in the cerebrospinal fluid of Alzheimer's and de novo Parkinson's disease patients

Neurosci Lett 202:17-20

(606)

Gsell W, Reichert N, Youdim MBH, Riederer P (1995) Interaction of neuroprotective substances with human brain superoxide dismutase. An in vitro study. J Neural Transm [Suppl] 45:271-279

(607)

Wodarz N, Rommelspacher H, Wiesbeck GA, Riederer P, Böning J (1995) β -Carbolines (norharmane and harmane) in plasma and 24-h urine during detoxication and controlled abstinence of chronic alcoholics - a longitudinal study. Europ Neuropsychopharmacol 5 (3): 396

(608)

Riederer P, Gsell W, Frölich L, Götz M (1995) Recent developments in the treatment of neurodegenerative disorders. Europ Neuropsychopharmacol Vol 5 (3): 232

(609)

Retz W, Becker T, Schmidtke A, Riederer P, Beckmann H (1995) Multiple and single dose pharmacokinetics of milnacipram in major depressive patients. European Neuropsychopharmacol Vol 5(3): 296-297

(610)

Gerlach M, Oehler D, Blum-Degen D, Lange KW, Mayer B, Reichmann H, Riederer P (1995) Regional distribution and characterization of nitric oxide synthase activity in the brain of the common marmoset. NeuroReport 6:1141-1145

(611)

Fritze M, Laczik M, Sofic E, Struck M, Riederer P (1995) Cholinergic Neurotransmission Seems not to be Involved in Depression but Possibly in Personality. J Psychiatr Neurosci 20 (1):39-48

1996

(612)

Gerlach M, Götz ME, Dirr A, Kupsch A, Janetzky B, Oertel W, Sautter J, Schwarz J, Reichmann H, Riederer P (1996) Acute MPTP Treatment Produces no Changes in Mitochondrial Complex Activities and Indices of Oxidative Damage in the Common Marmoset *ex vivo* one Week after Exposure to the Toxin. *Neurochem Int.* 28 (1):41-49

(613)

Gerlach M, Riederer P, Youdim MBH (1996) Molecular Mechanisms for Neurodegeneration. Synergism between Reactive Oxygen Species, Calcium, and Excitotoxic Amino Acids. In: Battistin L, Scarlato G, Caraceni T, Ruggieri S (eds). *Advances In Neurology*, Lippincott-Raven Publishers Philadelphia, 69: 177-194

(614)

Laux G, Bagli M, Rao ML, Riederer P (1996) Klinische Bedeutung von Plasmaspiegelbestimmung und Bioäquivalenzuntersuchungen bei Pharmaka in der Psychiatrie. Möller H-J, Przuntek H, Laux G, Büttner Th (eds) *Therapie im Grenzgebiet von Psychiatrie und Neurologie*. Springer, pp 159-175

(615)

Thome J, Kornhuber J, Baumer A, Rösler M, Beckmann H, Riederer P (1996) CNTF and endogenous psychoses? *Nature Genetics* 1996, p 123

(616)

Thome J, Kornhuber J, Baumer A, Rösler M, Beckmann H, Riederer P (1996) Association between a null mutation in the human ciliary neurotrophic factor (CNFT) gene and increased incidence of psychiatric diseases? *Neurosci Lett* 203:109-110

(617)

Kornhuber J, Schoppmeyer K, Bending C, Riederer P (1996) Characterization of [³H] pentazocine binding sites in post-mortem human frontal cortex. *J Neural Transm* 103:45-53

(618)

Gerlach M, Riederer P (1996) Pathogenese und neuroprotektive Therapieversuche bei chronisch degenerativen Erkrankungen. *Medizinische Klinik* 91 (Nr.3):163-170

(619)

Retz W, Kornhuber J, Riederer P (1996) Neurotransmission and the ontogeny of human brain. *J Neural Transm* 103:403-419

(620)

Janetzky B, Schmid C, Bischof F, Frölich L, Gsell W, Kalara R, Riederer P, Reichmann H (1996) Investigations on the Point Mutations at nt 5460 of the mtDNA in Different Neurodegenerative and Neuromuscular Diseases. *Eur Neurol* 36:149-153

(621)

Koutsilieri E, Chen T-S, Rausch W-D, Riederer P (1996) Selegiline is neuroprotective in primary brain cultures treated with 1-methyl-4-phenylpyridiniumion. *Eur J Pharmacol* 306:81-186

(622)

Thome J, Rösler M, Riederer P, Kornhuber J (1996) CNFT and psychiatric disorders. Correspondence. *Nature Genetics* Vol 13 June, p144

(623)

Bringmann G, Feineis D, God R, Fähr S, Wesemann W, Clement HW, Grote D, Kolasewicz W, Sontag KH, Heim C, Sontag TA, Reichmann H, Janetzky B, Rausch WD, Abdel-Mohsen M, Koutsilieri E, Götz ME, Gsell W, Zielke B, Riederer P (1996) Neurotoxic effects on the dopaminergic system induced by TaClo (1-trichloromethyl-1,2,3,4-tetrahydro- β -carboline), a potential mammalian alkaloid. *Biogenic Amines* 12:83-102

(624)

Thome J, Münch G, Müller R, Schinzel R, Kornhuber J, Blum-Degen D, Sitzmann L, Rösler M, Heidland A, Riederer P (1996) Advanced glycation endproducts - associated parameters in the peripheral blood of patients with Alzheimer's disease. *Life Sciences* 59 (8):679-685

(625)

Lesch KP, Heils A, Riederer P (1996) The role of neurotransmitters in excitotoxicity, neuronal cell death, and other neurodegenerative processes. *J Mol Med* 74: 365-378

(626)

Sopper S, Demuth M, Stahl-Hennig C, Hunsmann G, Plesker R, Coulibaly C, Czub S, Ceska M, Koutsilieri E, Riederer P, Brinkmann R, Katz M, ter Meulen V (1996) The Effect of Simian Immunodeficiency Virus Infection in Vitro and in Vivo on the Cytokine Production of Isolated Microglia and Peripheral macrophages from Rhesus Monkey. *Virology* 220:320-329

(627)

Gsell W, Strein I, Riederer P (1996) The neurochemistry of Alzheimer type, vascular type and mixed type dementias compared. *J Neural Transm [Suppl]* 47:73-101

(628)

Thome J, Durany N, Harsanyi A, Foley P, Palomo A, Kornhuber J, Weijers H-G, Baumer A, Rösler M, Cruz-Sanchez F, Beckmann H, Riederer P (1996) A null mutation allele in the CNTF gene and schizophrenic psychoses. *Neuro-Report* 7:1413-1416

(629)

Gerlach M, Riederer P, Vogt H (1996) "On treatment" rather than intention to treat analysis should have been used. *BMJ*, Vol 312, p 704

(630)

Przuntek H, Welzel D, Gerlach M, Blümner E, Danielczyk W, Kaiser H-J, Letzel H, Riederer P, Überla K (1996) Early institution of bromocriptine in Parkinson's disease inhibits the emergence of levodopa-associated motor side effects. Long-term results of the PRADO study. *J Neural Transm* 103:699-715

(631)

Heils A, Teufel A, Petri S, Stöber G, Riederer P, Bengel D, Lesch KP (1996) Allelic Variation of Human Serotonin Transporter Gene Expression. *J Neurochem* 66:2621-2624

(632)

Münch G, Simm AN, Double KL, Riederer P (1996) Commentary: Oxidative Stress and Advanced Glycation Endproducts - Parts of a Vicious Circle of Neurodegeneration? *Alzheimer's Disease Review* 1:71-74

(633)

Koutsilieri E, Kornhuber J, Degen H-J, Lesch KP, Sopper S, ter Meulen V, Riederer P (1996) U-373 MG Glioblastoma and IMR-32 Neuroblastoma Cell Lines Express the Dopamine and Vesicular Monoamine Transporters. *J of Neurosci Res* 45:269-275

(634)

Thome J, Baumer A, Harsanyi A, Foley P, Kornhuber J, Wiesbeck GA, Rösler M, Riederer P (1996) The Gly/Glu polymorphism of the neurotrophin 3 gene: allele frequencies in a Caucasian population and relevance for psychiatric disorders. *NeuroReport* 7:1623-1626

(635)

Riederer P, Kornhuber J (1996) Biochemische Veränderungen schizophrener Patienten - Der systemische Ansatz. Kaschka WP (ed) *Neurobiologische Forschung und psychiatrische Therapie*. In: Karger Basel, pp10-23

(636)

Gerlach M, Riederer P (1996) Animal models of Parkinson's disease: an empirical comparison with the phenomenology of the disease in man. *J Neural Transm* 103:987-1041

(637)

Naumann M, Götz ME, Reiners K, Lange KW, Riederer P (1996) Neurotransmitters in CSF of idiopathic adult onset dystonia: reduced 5-HIAA levels as evidence of impaired serotonergic metabolism. *J Neural Transm* 103:1083-1091

(638)

Mogi M, Harada M, Kondo T, Mizuno Y, Narabayashi H, Riederer P, Nagatsu P (1996) bcl-2 Protein is increased in the brain from parkinsonian patients. *Neurosci Lett* 215:137-139

(639)

Wodarz N, Wiesbeck GA, Rommelspacher H, Riederer P, Böning J (1996) Excretion of β -Carbolines Harman and Norharman in 24-Hour Urine of Chronic Alcoholics During Withdrawal and Controlled Abstinence. *Alcohol Clin Exp Res* (20)4:706-710

(640)

Wodarz N, Fritze J, Riederer P (1996) ^3H -Spiperone binding to peripheral mononuclear cells in psychiatric in-patients. *Prog Neuro-Psychopharmacol & Biol Psychiat* 20:459-470

(641)

Gerlach M, Desser H, Youdim MBH, Riederer P (1996) New horizons in molecular mechanisms underlying Parkinson's disease and in our understanding of the neuroprotective effects of selegiline. *J Neural Transm [Suppl]* 48:7-21

(642)

Yamamoto M, Ozawa H, Saito T, Frölich L, Riederer P, Takahata N (1996) Reduced immunoreactivity of adenylyl cyclases in dementia of the Alzheimer type. *NeuroReport* 7:2965-2970

(643)

Thome J, Kornhuber J, Münch G, Schinzel R, Taneli Y, Zielke B, Rösler M, Riederer P (1996) Neue Hypothese zur Ätiopathogenese des Alzheimer-Syndroms. *Nervenarzt* 67:924-929

(644)

Durany N, Thome J, Palomo A, Foley P, Riederer P, Cruz-Sanchez F (1996) Homozygosity at the dopamine D3 receptor gene in schizophrenic patients. *Neurosci Lett* 220:151-154

(645)

Gerlach M, Gsell W, Kornhuber J, Jellinger K, Krieger V, Pantucek F, Vock R, Riederer P (1996) A post mortem study on neurochemical markers of dopaminergic, GABA-ergic and glutamatergic neurons in basal ganglia-thalamocortical circuits in Parkinson syndrome. *Brain Res* 741:142-152

(646)

Wodarz N, Rothenhöfer C, Firscher R, Stöber G, Franzek E, Kiehl B, Jungkunz G, Riederer P, Beckmann H (1996) Granulozytäre Omega-3-Rezeptoren bei Erkrankungen aus dem schizophrenen Formenkreis: Zusammenhänge mit klinischer Symptomkonstellation. Möller H-J, Müller-Spahn F, Kurzt G (eds) *Aktuelle Perspektiven der Biologischen Psychiatrie*. Springer Wien New York, pp 293-296

(647)

Kornhuber J, Riederer P (1996) Wirklatenz von Neuroleptika und Antidepressiva durch langsame Aufnahme in das Hirngewebe. Möller H-J, Müller-Spahn F, Kurzt G (eds) *Aktuelle Perspektiven der Biologischen Psychiatrie*. Springer Wien New York, pp. 286-289

(648)

Degen H-J, Geis M, Wandt G, Riederer P, Lesch K-P (1996) Einfluß von Antidepressiva und Phasenprophylaktika auf Expression und Lokalisation von G-Protein-Untereinheiten in SK-N-SH-Zellen. Möller H-J, Müller-Spahn F, Kurzt G (eds) Aktuelle Perspektiven der Biologischen Psychiatrie. Springer Wien New York, PP. 172-175

(649)

Ballig U, Groß J, Franzek E, Riederer P, Lesch KP (1996) Neurotransmitter-Wiederaufnahmemechanismen (Neurotransporter) und affektive Erkrankungen: Primärstruktur und genomische Organisation. Möller H-J, Müller-Spahn F, Kurzt G (eds) Aktuelle Perspektiven der Biologischen Psychiatrie. Springer Wien New York, 135-142

(650)

Niedermeyer B, König G, Hartmann J, Deckert J, Ransmayr G, Heinsen H, Beckmann H, Riederer P (1996) Interaktionen von Antikonvulsiva mit [³H]-AMPA-Bindungsstellen im humanen Hippocampus. Möller H-J, Müller-Spahn F, Kurzt G (eds) Aktuelle Perspektiven der Biologischen Psychiatrie. Springer Wien New York, 97-100

(651)

Krause F, König G, Hartmann H, Deckert J, Heinsen H, Ransmayr G, Beckmann H, Riederer P (1996) Heterogenität der [³H]Kainat-Bindungsstellen beim Menschen. Möller H-J, Müller-Spahn F, Kurzt G (eds) Aktuelle Perspektiven der Biologischen Psychiatrie. Springer Wien New York, 83-85

(652)

Blum-Degen D, Frölich L, Hoyer S, Riederer P (1996) Insulinrezeptoren im menschlichen post-mortalen Hirnkortex bei normaler Alterung und bei Demenz vom Alzheimer-Typ. Möller H-J, Müller-Spahn F, Kurzt G (eds) Aktuelle Perspektiven der Biologischen Psychiatrie. Springer Wien New York, 36-68

(653)

Gsell W, Blum-Degen D, Taneli Y, Frölich L, Hoyer S, Götz ME, Münch G, Voch R, Lange KW, Beckmann H, Riederer P (1996) "Nicht-Amyloid"-Hypothesen zur Ätiopathogenese der Demenz vom Alzheimer Typ (DAT) In: Möller H-J, Müller-Spahn F, Kurzt G (eds) Aktuelle Perspektiven der Biologischen Psychiatrie. Springer Wien New York, 24-33

(654)

Kupsch A, Sautter J, Schwarz J, Riederer P, Gerlach M, Oertel WH (1996) 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced neurotoxicity in non-human primates is antagonized by pretreatment with nimodipine at the nigral, but not at the striatal level. Brain Res 741:185-196

(655)

Gerlach M, Youdim MBH, Riederer P (1996) Pharmacology of selegiline. Neurology 47 (Suppl. 3) :2137-145

(656)

Mogi M, Harada M, Kondo T, Mizuno Y, Narabayashi H, Riederer P, Nagatsu T (1996)
The soluble form of Fas molecule is elevated in parkinsonian brain tissues.
Neurosci Lett 220:195-198

(657)

Sontag K-H, Heim C, Sontag TA, Kolasiewicz W, Clement W, Grote C, Wesemann W, Janetzky B, Reichmann H, Feineis D, God R, Bringmann G, Rausch D, Abdel-Mohsen M, Abdel-Moneim M, Chan WW, Koutsilieri E, Zielke B, Götz ME, Gsell W, Riederer P (1996)
Progressive neurodegeneration of the dopaminergic system and inhibition of the complex I induce by the chloral-derived tetra-hydro- β -carboline TaClo. Ohye C, Kimura M, McKenzie JS (eds) The Basal Ganglia V. Plenum Press, New York, London, pp 387-394

(658)

Hashimoto E, Frölich L, Ozawa H, Saito T, Shichinohe S, Takahata N, Riederer P (1996)
Alteration of Guanosine triphosphate Binding Proteins in Postmortem Brains of Heroin Addicts. Alcoholism: Clinical and Experimental Research, Vol 20 (9):301A-304A

(658a)

Frölich L, Riederer P (1996) Stoffwechselfypothesen der Demenz vom Alzheimer-Typ
Neuropsychiatrie (10) 259-266

(658b)

Thome J, Gsell W, Rösler M, Kornhuber J, Frölich L, Hashimoto E, Zielke B, Wiesbeck GA, Riederer P (1996) Serum levels of oxidative stress associated parameters (lactoferrin, Mn- and Cu, Zn-Superoxide dismutase) in patients with Alzheimer's disease
Life Sci 60: 13-19

1997

(659)

Thome J, Gsell W, Rösler M, Kornhuber J, Frölich L, Hashimoto E, Zielke B, Wiesbeck GA, Riederer P (1997) Oxidative-Stress Associated Parameters (Lactoferrin, Superoxide Dismutases) in Serum of Patients with Alzheimer's Disease. *Life Sci* 60 (1): 13- 19

(660)

Frölich L, Blum-Degen D, Hoyer S, Beckmann H, Riederer P (1997) Insulin, Insulin Receptors and IGF-I Receptors in Post-mortem Human Brain in Ageing and in Dementia of Alzheimer's Type. Iqbal K, Winblad B, Nishimura T, Takeda M, Wisniewski HM (eds) *Alzheimer's Disease: Biology, Diagnosis and Therapeutics*. John Wiley & Sons Ltd, pp 457 – 465

(661)

Youdim MBH, Riederer P (1997) Understanding Parkinson's disease. *Scientific American* 276 (1) : 38-45

Youdim MBH, Riederer P (1997) s. oben, japanische Ausgabe März 1997

Youdim MBH, Riederer P (1997) Freie Radikale und die Parkinson-Krankheit. *Spektrum der Wissenschaft*, März 1997, pp 52 – 60, Review

(662)

Rupprecht M, Salzer B, Raum B, Hornstein OP, Koch HU, Riederer P, Sofic E, Rupprecht R (1997) Physical stress-induced secretion of adrenal and pituitary hormones in patients with atopic eczema compared with normal controls. *Exp Clin Endocrinol Diabetes* 105:39-45

(663)

Heidrich A, Rösler M, Riederer P (1997) Pharmakotherapie bei Alzheimer-Demenz: Therapie kognitiver Symptome - neue Studienresultate. *Forsch. Neurol Psychiat* 65:108-121

(664)

Gerlach M, Double K, Riederer P, Hirsch E, Jellinger K, Jenner P, Trautwein A, Youdim MBH (1997) Iron in the Parkinsonian Substantia Nigra. *Mov Disord* 12 (2): 258-260

(665)

Münch G, Thome J, Foley P, Schinzel R, Riederer P (1997) Advanced glycation endproducts in ageing and Alzheimer's disease. *Brain Res Rev* 23:134-143

(666)

Münch G, Mayer S, Michaelis J, Hipkiss AR, Riederer P, Müller R, Neumann A, Schinzel R, Cunningham AM (1997) Influence of advanced glycation end-products and AGE-inhibitors on nucleation-dependent polymerization of β amyloid peptide. *Biochem et Biophys Acta* 1360:17-19

(667)

Gsell W, Strein I, Krause U, Riederer P (1997) Neurochemical abnormalities in Alzheimer's disease and Parkinson's disease - a comparative review. *J Neural Transm [Suppl]* 51:45-59, Review

(668)

Thome J, Nara K, Foley P, Gsell W, Wiesbeck GA, Böning J, Riederer P (1997) Time course of manganese superoxide dismutase concentrations in serum of alcohol-dependent patients during abstinence. *Drug and Alcohol Dependence* 44:151-155

(669)

Thome J, Foley P, Gsell W, Davids E, Wodarz N, Wiesbeck GA, Böning J, Riederer P (1997) Increased Concentrations of Manganese Superoxide Dismutase in Serum of Alcohol-Dependent Patients. *Alcohol & Alcoholism* 32 (1):65-69

(670)

Thome J, Zhang J, Davids E, Foley P, Weijers H-G, Wiesbeck GA, Böning J, Riederer P, Gerlach M (1997) Evidence for Increased Oxidative Stress in Alcohol-Dependent Patients Provided by Quantification of in Vivo Salicylate Hydroxylation Products. *Alcohol Clin Exp Res* 21 (1):82-85 oder *Alcohol & Alcoholism* 32:407

(671)

Gerlach M, Riederer P (1997) Parkinson-Krankheit - biochemische Konzepte. Bedeutung der Dynamik neurodegenerativer Prozesse für eine neuroprotektive Therapie der Parkinson-Krankheit. Editions Roche, pp 7-19

(672)

Salvatore M, Morzunov S, Schwemmler M, Lipkin WI and the Bornavirus study Group (1997) Borna disease virus in brains of North American and European people with schizophrenia and bipolar disorder. *The Lancet* 349:1813-1814

(673)

Lesch KP, Balling U, Seemann M, Teufel A, Bengel D, Heils A, Godeck P, Riederer P (1997) Molecular heterogeneity of neurotransmitters implications for neurodegeneration. *J Neural Transm. [Suppl.]* 49:165-167

(674)

Fischer P, Götz ME, Danielczyk W, Gsell W, Riederer P (1997) Blood transferrin and ferritin in Alzheimer's disease. *Life Sciences* 60 15:2273-2278

(675)

Kornhuber J, Weller M, Riederer P (1997) Which Phencyclidine-Like N-Methyl-D-Aspartate Receptor Antagonists Are Currently Available for Clinical Use? Judd LL, Saletu B, Filip V (eds): *Basic and Clinical Science of Mental and Addictive Disorders*, *Bibl Psychiatr. Basel*, Karger, 1997, No 167, pp 175-180

(676)

Thome J, Durany N, Palomo A, Foley P, Harsányi A, Baumer A, Hashimoto E, Cruz-Sanchez FF, Riederer P (1997) Variants in neurotrophic factor genes and schizophrenic psychoses: no associations in a Spanish population. Elsevier Science Ireland, Psychiatry Research 71 pp1 - 5

(677)

Sian J, Gerlach M, Riederer P (1997) The Role of Altered Glutathione Status in the Development of Parkinson's Disease. Glutathione in the Nervous System, Ed. Ch.A.Shaw, Taylor & Francis, 12: 287 - 304

(678)

Janetzky B, Reichmann H, Youdim MBH, Riederer P (1997) Iron and Oxidative Damage in Neurodegenerative Diseases. Mitochondria and Free Radicals in neurodegenerative Diseases, (Ed. Beal EF, Howell N, Bodis-Wollner I) pp 407 - 421

(679)

Thome J, Jönsson E, Foley P, Harsányi A, Sedvall G, Riederer P (1997) Ciliary neurotrophic factor null mutation and schizophrenia in a swedish population. Psychiatric Genetics 7, 79 - 82

(680)

Münch G, Thome J, Schinzel R, Rösler M, Retz W, Riederer P (1997) Advanced Glycation Endproducts in der pathogenetischen Kaskade des Alzheimer-Syndroms. Rösler M/Retz W/Thome J (Ed.) Alzheimer-Krankheit 1: 170 - 177

(681)

Thome J, Kornhuber J, Münch G, Foley P, Retz W, Riederer P, Rösler M (1997) Neurotrophe Faktoren und Alzheimer-Demenz. Rösler M/Retz W/Thome J (Ed.) Alzheimer-Krankheit 1:178-184

(682)

Strein I, Gsell W, Rösler M, Riederer P (1997) Hypothesengeleitete Therapiestrategien für die Demenz vom Alzheimer-Typ. Rösler M/Retz W/Thome, J (Ed.) Alzheimer-Krankheit 1: 237-247

(683)

Kornhuber J, Thome J, Lange KW, Riederer P (1997) Glutamaterge Behandlungsansätze bei der Alzheimer-Demenz. Rösler M/Retz W/Thome J (Ed.) Alzheimer-Krankheit (1) pp 269 - 274

(684)

Münch G, Keis R, Weßels A, Riederer P, Bahner U, Heidland A, Niwa T, Lemke HD, Schinzel R (1997) Determination of Advanced Glycation End Products in Serum by Fluorescence Spectroscopy and competitive ELISA. EurJClinChemClinBiochem 35(9):669-677

(685)

Lange KW, Kornhuber J, Riederer P (1997) Dopamine/Glutamate Interactions in Parkinson's Disease. *Neurosci and Biobehav Rev*, 21(4): 393-400

(686)

Koutsilieri E, Götz ME, Sopper S, Sauer U, Demuth M, ter Meulen V, Riederer P (1997) Regulation of glutathione and cell toxicity following exposure to neurotrophic substances and human immunodeficiency virus-1 in vitro. *Journal of NeuroVirology* 3: 342 - 349

(687)

Thome J, Nara K, Foley P, Michel T, Gsell W, Retz W, Rösler M, Riederer P (1997) Ciliary Neurotrophic Factor (CNTF) Genotypes: Influence on Choline Acetyltransferase (ChAT) and Acetylcholine Esterase (AChE) Activities and Neurotrophin 3 (NT3) Concentration in Human post mortem Brain Tissue. *J. Brain Res.* 38: 443 - 451

(688)

Becker T, Becker G, Seufert J, Hofmann E, Lange KW, Naumann M, Lindner A, Reichmann H, Riederer P, Beckmann H, Reiners K (1997) Parkinson's disease and depression: evidence for an alteration of the basal limbic system detected by transcranial sonography. *J Neurol, Neurosurg & Psychiat*, 63:590 - 596

(689) Carlsson A., Riederer P., Stern G. (1997) Walther Birkmayer – the man behind the name. *J Neural Transm.* 104 (2-3): V-VIII

(690)

Koutsilieri E, Götz ME, Sopper S, Stahl-Hennig C, Czub M, ter Meulen V, Riederer P (1997) Monoamine metabolite levels in CSF of SIV-infective rhesus monkeys (*Macaca mulatta*). *NeuroReport* 8:3833-3836

(691)

Gsell W, Strein I, Krause U, Riederer P (1997) Neurochemical abnormalities in Alzheimer's disease and Parkinson's disease - a comparative review. Daniel S.E, Cruz-Sanchez F.F., Lees A.J. (Ed.) *Dementia in Parkinsonism*, pp 154 – 159 oder *J Neural Transm (Suppl)* 51: 145-159

(691a)

Riederer P, Danielczyk W, Gerlach M (1997) Molecular basis and pharmacology of Parkinson's disease. *Indicatori storia naturale terapie delle malattie extrapiramidali*, Perugia, Atti XXIV Riunione LIMPE, pp 53-67

(692)

Lesch KP, Meyer J, Glatz K, Flügge G, Hinney A, Hebebrand J, Klauck SM, Poustka A, Bengel D, Mössner R, Riederer P, Heils A (1997) The 5-HT transporter gene-linked polymorphic region (5-HTTLPR) in evolutionary perspective: alternative biallelic variation in rhesus monkeys. *J Neural Transm* 104: 1259-66

(692 a)

Weisser M, Vieth M, Stolte M, Riederer P, Pfeuffer R, Leblhuber F, Spiteller G (1997) Dramatic increase of alpha-hydroxyaldehydes derived from plasmalogens in the aged human brain. *Chemistry and Physics of Lipids* 90:135-142

1998

(693)

Sian J, Gerlach M, Riederer P (1998) The Role of Altered Glutathione Status in the Development of Parkinson's Disease. *Glutathione in the Nervous System* Edited by Christopher Shaw Taylor&Francis 287: 304

(694)

Bringmann G, Feineis D, Grote C, God R, Clement H.-W., Sontag K.-H., Janetzky B, Reichmann H, Rausch W.-D., Riederer P, Wesemann W (1998) Highly Halogenated Tetrahydro- β -Carbolines as a New Class of Depaminergic Neurotoxins; *Pharmacology of Endogenous Neurotoxins - A Handbook* (Ed. Andreas Moser) Birkhäuser, Boston, Basel, Berlin: 151-169

(695)

Götz ME, Fischer P, Gsell W, Riederer P, Streifler M, Simanyi M, Müller F, Danielczyk W (1998) Platelet Monoamine Oxidase B Activity in Dementia: A 4-Year Follow-Up. *Dement Geriatr Cogn Disord* 9: 74-77

(696)

Kroemer RT, Koutsilieri E, Hecht P, Liedl KR, Riederer P, Kornhuber J (1998) Quantitative analysis of the structural requirements for blockade of the N-methyl-D-aspartate receptor at the phencyclidine binding site. *J Med Chem* 41;3: 393-400

(697)

Eder U, Leitner B, Kirchmair R, Pohl P, Jobst KA, Smith AD, Málly J, Benzer A, Riederer P, Reichmann H, Saria A, Winkler H (1998) Levels and proteolytic processing of chromogranin A and B and secretogranin II in cerebrospinal fluid in neurological disease. *J Neural Transm* 105: 39-51

(698)

Thome J, Foley P, Riederer P (1998) Neurotrophic factors and the maldevelopmental hypothesis of schizophrenic psychoses. *J Neural Transm* 105: 85-100

(699)

Stöber G, Jatzke S, Heils A, Jungkunz G, Knapp M, Mössner R, Riederer P, Lesch KP (1998) Insertion/deletion variance (-141C Ins/Del) in the 5' regulatory region of the dopamine D2 receptor gene: lack of association with schizophrenia and bipolar affective disorder. *J Neural Transm* 105:101-109

(700)

Finberg JPM, Youdim MBH, Riederer P, Tipton KF (eds) (1998) MAO-The Mother of all Amine Oxidases. *J Neural Transm Suppl* 52

(701)

Götz ME, Breithaupt W, Sautter J, Kupsch A, Schwarz J, Oertel WH, Youdim MBH, Riederer P, Gerlach M (1998) Chronic TVP-1012 (rasagiline) dose - activity response of monoamine oxidases A and B in the brain of the common marmoset. *J Neural Transm Suppl* 52: 271-285

(702)

Deckert J, Abel F, König G, Hartmann J, Senitz D, Maier H, Ransmayr G, Riederer P (1998) Loss of human hippocampal adenosine A₁ receptors in dementia: evidence for lack of specificity. *Neurosci Letters* 244: 1-4

(703)

Münch G, Cunningham AM, Riederer P, Braak E (1998) Advanced Glycation Endproducts are associated with Hirano bodies in Alzheimer's Disease. *Brain Res* 796: 307-310

(704)

Münch G, Schinzel R, Loske C, Wong A, Durany N, Li JJ, Vlassara H, Smith MA, Perry G, Riederer P (1998) Alzheimer's disease - synergistic effects of glucose deficit, oxidative stress and advanced glycation endproducts. *J Neural Transm* 105:439-461

(705)

Münch G, Riederer P (1998) Oxidative stress creates a vicious cycle of neurodegeneration in Alzheimer's disease. *The News*, Issue 2/98

(706)

Sand P, Kleinschnitz M, Vogel P, Beckmann H, Schreier P, Strik W, Riederer P (1998) Circadian patterns of serum endogenous benzodiazepines. *Elsevier Science* 567-571

(707)

Gerlach M, Koutsilieri E, Riederer P (1998) N-methyl-(R)-salsolinol and its relevance to Parkinson's disease. *Lancet* 352: 850-851

(708)

Odagaki Y, Nishi N, Ozawa H, Saito T, Takahata N, Riederer P, Koyama T (1998) Measurement of receptor-mediated functional activation of G proteins in postmortem human brain membranes. *Brain Res* 789: 84-91

(709)

Stöber G, Jatzke S, Heils A, Jungkunz G, Fuchs E, Knapp M, Riederer P, Lesch KP (1998) Susceptibility for schizophrenia is not influenced by a functional insertion/deletion variant in the promoter of the serotonin transporter gene. *Eur Arch Psychiatry Clin Neurosci* (1998) 248:82-86

(710)

Double KL, Maywald M, Schmittel M, Riederer P and Gerlach M (1998) In vitro studies of ferritin iron release and neurotoxicity. *J. Neurochem* 1998 70(6) 2492-2499

(711)

Kornhuber J, Thome J, Riederer P (1998) Modellvorstellungen zur Ätiopathogenese der Schizophrenen. Riederer/Laux/Pöldinger (eds) Neuro-Psychopharmaka, Bd.4, 2. Aufl. Neuroleptika, Springer Wien 1998, p.3-21

(712)

Shichinohe S, Ozawa H, Saito T, Hashimoto E, Lang C, Riederer P, Takahata N (1998) Differential Alteration of Adenylyl Cyclase Subtypes I, II, and V/VI in Postmortem Human Brains of Heroin Addicts. Alcohol Clin Exp Res (1998), [Suppl] 22:84S-87S

(713)

Hashimoto E, Frölich L, Ozawa T, Saito T, Maurer K, Böning J, Takahata N, Riederer P (1998) Reduced Immunoreactivity of Type I Adenylyl Cyclase in the Postmortem Brains of Alcoholics. Alcohol Clin Exp Res (1998), [Suppl] 22:88S-92S

(714)

Frölich L, Blum-Degen D, Bernstein H-G, Engelsberger S, Humrich J, Laufer S, Muschner D, Thalheimr A, Türk A, Hoyer S, Zöchling R, Boissl KW, Jellinger K, Riederer P (1998) Brain insulin and insulin receptors in aging and sporadic Alzheimer's disease. J Neural Transm 105:423-438

(715)

Bengel D, Balling U, Stöber G, Heils A, Shi-Hua L, Ross CA, Jungkunz G, Franzek E, Beckmann H, Riederer P, Lesch KP (1998) Distribution of the B33 CTG repeat polymorphism in a subtype of schizophrenia. Eur Arch Psychiatry Clin Neurosci (1998) 248: 78-81

(716)

Künig G, Niedermeyer B, Deckert J, Gsell W, Ransmayr G, Riederer P (1998) [³H]- α -amino-3-hydroxy-5-methyl-4-isoxazole-propionic acid [AMPA-9 binding by the anticonvulsant valproate in clinically relevant concentrations: an autoradiographic investigation in human hippocampus. Epilepsy Research 31 (1998) 153-157

(717)

Sian J, Hensiek R, Senitz D, Muench G, Jellinger K, Riederer P, Gerlach M (1998) A novel technique for the isolation of Lewy bodies in brain. Acta Neuropathol 96:111-115

(718)

Okladnova O, Syagailo YV, Tranitz M, Stöber G, Riederer P, Mössner R, Lesch KP (1998) A Promoter-Associated Polymorphic Repeat Modulates PAX-6 Expression in Human Brain. Biochemical and Biophysical Research Communications 248, 402 - 405

(719)

Gerlach M, Riederer P (1998) Selegilin und Letalität bei Parkinson-Erkrankung. Psychopharmakotherapie 5 3:124

(720)

Münch G, Gerlach M, Sian J, Wong A, Riederer P (1998) Advanced glycation endproducts in neurodegeneration - more than early markers of oxidative stress? *Ann Neurol*, 44/3, P85-88. oder Wells Medical Limited, *Beyond the Decade of the Brain*, Volume 3, pp 167-175

(720)

Münch G, Gerlach M, Sian J, Wong A, Riederer P (1998) Advanced glycation endproducts in neurodegeneration - more than early markers of oxidative stress? Wells Medical Limited, *Beyond the Decade of the Brain*, Volume 3, pp 167-175

(721)

Rösler M, Retz W, Thome J, Riederer P (1998) Free radicals in Alzheimer's dementia: currently available therapeutic strategies. Gertz/Arendt (eds.) *Alzheimer's Disease-From Basic Research to Clinical Applications*, Springer Medicine, pp 211-219

(722)

Retz W, Gsell W, Münch G, Rösler M, Riederer P (1998) Free radicals in Alzheimer's disease. Gertz/Arendt (eds.) *Alzheimer's Disease-From Basic Research to Clinical Applications*, Springer Medicine, pp 221-236 oder *J Neural Transm (Suppl)* 54:221-236

(723)

Okladnova O, Syagailo YV, Mössner R, Riederer P, Lesch KP (1998) Regulation of PAX-6 gene transcription: alternate promoter usage in human brain. *Molecular Brain Research* 60 177-192

(724)

Frölich L, Dirr A, Götz ME, Gsell W, Reichmann H, Riederer P, Maurer K (1998) Acetylcholine in human CSF: methodological considerations and levels in dementia of Alzheimer type. *J Neural Transm* 105: 961-973

(725)

Loske C, Neumann A, Cunningham AM, Nichol K, Schinzel R, Riederer P, Münch G (1998) Cytotoxicity of advanced glycation endproducts is mediated by oxidative stress. *J Neural Transm* (1998): 1005-1015

(726)

Riederer P (1998) Wirkprinzip der Dopaminergika. *Akt. Neurologie* 25: 286-287

(727)

Blum-Degen D, Haas M, Pohli S, Harth S, Riederer P, Götz ME (1998) Scavestrogens protect IMR 32 cells from oxidative stress - induced cell death. *Toxicol Pharmacol* 152, 49-55 (1998)

(728)

Gerlach M, Xiao A, Heim C, Lan J, God R, Feineis D, Bringmann G, Riederer P, Sontag KH (1998) 1-Trichloromethyl-1,2,3,4-tetrahydro- β -carboline increases extracellular serotonin and stimulates hydroxyl radical production in rats. *Neurosci Letters* 257 17-20

(729)

Meyer J, Wiedemann P, Okladnova O, Brüss M, Staab T, Stöber G, Riederer P, Bönisch H, Lesch KP (1998) Cloning and functional characterization of the human norepinephrine transporter gene promoter. *J Neural Transm* 105:1341-1350

(730)

Durany N, Morgan K, Thome J, Tilley L, Kalsheker N, Münch G, Riederer P, Cruz-Sánchez FF (1998) Relationship between α_1 -antichymotrypsin micro-satellite and apolipoprotein E in Alzheimer's disease. *Alzheimer's Reports* 1, Nr 5: 315-320

(731)

Bancher C, Croy A, Dal Bianco P, Danielczyk W, Fischer P, Gatterer G, Gurka P, Hinterhuber H, Hoyer S, Jellinger K, Kalousek ME, Lingg A, Leblhuber F, Marksteiner J, Psota G, Ransmayr G, Riederer P, Rainer M, Schmidt R, Zachhuber C (1998) Österreichisches Alzheimer-Krankheit-Konsensuspapier. *Neuropsych* 3 Bd 12: 126-167

(731 a)

Wodarz N., Rothenhöfer C., Fischer R., Stöber G., Kiehl B., Jungkunz G., Riederer P., Klein HE (1998) Peripheral-type benzodiazepine receptors in diagnostic subtypes of schizophrenic patients. *Psychiatry Res* 81:363-369

1999

(732)

Poewe W, Wenning GK, Gerlach M, Riederer P (1999) Nicht-idiopathische Parkinson-Syndrome. Neurologie in Praxis und Klinik. Thieme Verlag Stuttgart/New York Band II: 69-78

(733)

Sian J, Youdim MBH, Riederer P, Gerlach M (1999) Neurotransmitters and Disorders of the Basal Ganglia. Basic Neurochemistry: Molecular, Cellular and medical Aspects, 6th Ed., edited by GJ Siegel et al, Lippincott-Raven Publishers, Philadelphia; pp 918-947

(734)

Koutsilieri E, Sopper S, Heinemann T, Scheller C, Lan J, Stahl-Hennig C, terMeulen V, Riederer P, Gerlach M (1999) Involvement of microglia in CSF glutamate increase in SIV-infected rhesus monkeys (*Macaca mulatta*). AIDS Res Hum Retroviruses Vol 15, 5:471-477

(735)

Wüllner U, Kornhuber J, Weller M, Schultz JB, Löschmann PA, Riederer P, Klockgether T (1999) Cell death and apoptosis regulating proteins in Parkinson's disease - a cautionary note. Acta Neuropathologica 97:408-412

(736)

Riederer P (1999) Normale und pathologische Zellalterung: Neue Aspekte und therapeutische Beeinflussbarkeit, 2. Wiener Geriatrietage, Enddokumentation 41-46

(737)

Auff, Baumhackl, Deecke, Doppelbauer, Jellinger, Klingler, Ott, Poewe, Ransmayr, Riederer, Soukop, Scholz, Volc (1999) Rolle der Dopamin-Agonisten in der Behandlung der Parkinson-Krankheit, Konsensuspapier der Österr Park Ges. Neuropsych 13/1: 1-8

(738)

Yamamoto-Sasaki M, Ozawa H, Saito T, Rösler M, Riederer P (1999) Impaired phosphorylation of cyclic AMP response element binding protein in the hippocampus of dementia of the Alzheimer type. Brain Res 824: 300-303

(739)

Götz ME, Ahlbom E, Zhivotovsky B, Blum-Degen D, Oettel m, Römer W, Riederer P, Orrenius S, Ceccatelli S (1999) Radical Scavenging Compound J 811 Inhibits Hydrogen Peroxide-Induced Death of Cerebellar Granule Cells. J Neurosci Res 56: 420-426

(740)

Foley P, Riederer P (1999) Pathogenesis and preclinical course of Parkinson's disease. J Neural Transm 56: 31-74

(741)

Bernstein HG, Ansorge S, Riederer P, Reiser M, Frölich L, Bogerts B (1999) Insulin-degrading enzyme in the Alzheimer's disease brain: prominent localization in neurons and senile plaques. *Neurosci Letters* 263: 161-164

(742)

Riederer P (1999) Die Rolle von Noradrenalin bei Depressionen. *Psychopharmakotherapie Suppl* 10: 6-7

(743)

Sian J, Gerlach M, Youdim MBH, Riederer P (1999) Parkinson's disease: a major hypokinetic basal ganglia disorder. *J Neural Transm* 106: 443-476

(744)

Riederer P, Foley P (1999) MAO-B-Hemmer: Kombination mit L-DOPA und COMT-Blockern. *Editiones Roche*: 43-54

(745)

Kornhuber J, Schultz A, Wiltfang J, Meineke I, Gleiter CH, Zöchling R, Boissl KW, Leblhuber R, Riederer P (1999) Persistence of Haloperidol in Human Brain Tissue. *Am J Psychiatry* 156:6; 885-890

(746)

Berg D, Grote C, Rausch WD, Mäurer M, Wesemann W, Riederer P, Becker G (1999) Iron accumulation in the substantia nigra in rats visualized by ultrasound. *Ultrasound in Med & Biol* 25 (6): 901-904

(747)

Durany N, Cruz-Sanchez FF, Thome J, Höhn H, Retz W, Riederer P, Rösler M (1999) No association between α_1 -antichymotrypsin and apolipoprotein E in Alzheimer's disease and vascular dementia. *Alzheimer's Report* 2 (3): 159-164

(748)

Neumann A, Schinzel R, Palm D, Riederer P, Münch G (1999) High molecular weight hyaluronic acid inhibits advanced glycation endproduct-induced NF- κ B activation and cytokine expression. *FEBS Letters* 453: 283-287

(749)

Gerlach M, Riederer P (1999) Time sequences of dopaminergic cell death in Parkinson's disease: Indications for neuroprotective studies. *Adv Neurol* 80:219-225

(750)

Gerlach M, Blum-Degen D, Lan J, Riederer P (1999) Nitric oxide in the pathogenesis of Parkinson's disease. *Advances in Neurology* 80: 239-245

(751)

Double KL, Riederer P, Gerlach M (1999) Role of iron in 6-hydroxydopamine neurotoxicity. *Advances in Neurology* 80: 287-296

(752)

Nagatsu T, Mogi M, Ichinose H, Togari A, Riederer P (1999) Cytokines in Parkinson's Disease. *NeuroScience News* (2) 3-4: 88-90

(753)

Riederer P, Janetzky B, Gerlach M, Reichmann H, Manndel S, Youdim MBH (1999) Parkinson's Disease, Iron, Mitochondria, Inflammatory Responses, and Oxidative Stress: Prospects for Neuroprotection. *NeuroScience News* (2) 3-4: 83-87

(754)

Elstner M, Denke A, Gsell W, Elstner EF, Riederer P, Gerlach M (1999) Pro- and Antioxidative Properties of Cortical Tissue Preparations from Human Brain Exhibiting NMDA-Receptor Characteristics. *Z Naturforsch* 54c: 438-445

(755)

Double KL, Riederer P, Gerlach M (1999) Significance of Neuromelanin for Neurodegeneration in Parkinson's Disease. *Drug News Perspect* 12(6): 333-340

(756)

AG der Österreichischen Alzheimer-Gesellschaft „Demenz-Datenbank“ Hrsg: Ransmayr G, Ndayisaba JP, Lössberding J, Niedermüller J, Pfeiffer K, u. a. (1999) Datenbank über Patienten mit dementiellen Erkrankungen (Austrian Dementia Bank). *Neuropsychiatrie* 13 (2): 44-71

(757)

Blum-Degen D, Heinemann T, Lan J, Pedersen V, Leblhuber F, Paulus W, Riederer P, Gerlach M (1999) Characterization and regional distribution of nitric oxide synthase in the human brain during normal ageing. *Brain Research* 834: 128-135

(758)

Becker G, Berg D, Rausch WD, Lange HKW, Riederer P, Reiners K (1999) Increased tissue copper and manganese content in the lentiform nucleus in primary adult-onset dystonia. *Ann Neurol* 46(2): 260-262

(759)

Riederer P, Sian J, Gerlach M (1999) Non-dopaminergic pharmacotherapy in Parkinson's disease. E.Ch. Wolters, Ph. Scheltens and H.W. Berendse (ed.) *Mental Dysfunction in Parkinson's disease II*: 115-130

(760)

Münch G, Schicktanz D, Behme A, Gerlach M, Riederer P, Palm D, Schinzel R (1999) Amino acid specificity of glycation and protein – AGE crosslinking reactivities determined with a dipeptide SPOT library. *Res Nature Biotech* 17: 1006-1010

(761)

Riederer P (1999) Der aktuelle Stand der Forschung und Entwicklung zur Neuroprotektion am Beispiel des Morbus Parkinson. *Notabene Medici* 10: 503-504

(762)

Czub M, Czub S, Gosztonyi G, Koutsilieri E, Sopper S, Müller JG, Gerlach M, Riederer P, ter Meulen V (1999) Effects of Selegiline in a retroviral rat model for neurodegenerative disease. *J Neuro Virology* 5: 458-464

(763)

Durany N, Riederer P, Deckert J (1999) The CNS toxin anatoxin-A interacts with $\alpha 4\beta 2$ -nicotinic acetylcholine receptors in human cortex. *Res Report* 2(5): 263-266

(764)

Thome J, Riederer P (1999) Störungen der Neurotransmission als Grundlage psychiatrischer Erkrankungen. Möller/Laux/Kapfhammer (Hrsg.) *Psychiatrie und Psychotherapie*, Springer Verlag: 118-135

(765)

Czygan M, Hallensleben W, Hofer M, Pollak S, Sauder C, Bilzer T, Blümcke I, Riederer P, Bogerts B, Falkai P, Schwarz MJ, Masliah E, Staeheli P, Hufert FT, Lieb K (1999) Borna disease virus in human brains with a rare form of hippocampal degeneration but not in brains of patients with common neuropsychiatric disorders. *J Infectious Diseases* 180: 1695-1699

(766)

Savvateeva E, Popov A, Kamyshev N, Iliadi K, Bragina J, Heisenberg M, Kornhuber J, Riederer P (1999) Age-dependent changes in memory and mushroom bodies in the *Drosophila* mutant vermilion deficient in the kynurenine pathway of tryptophan metabolism. *Rus J Physiol* 85(1): 163-179

(767)

Lesch KP, Jatzke S, Meyer J, Stöber G, Okladnova O, Mössner R, Riederer P (1999) Mosaicism for a serotonin transporter gene promoter-associated deletion: decreased recombination in depression. *J Neural Transm* 106: 1223-1230

(768)

Gerlach M, Riederer P (1999) Neurobiochemie und Wirkmechanismus von Selegilin. *Neuro-Psychopharmaka*, Riederer P, Laux G, Pödlinger W (Eds) Springer Wien 5 (2): 180-188

(769)

Gerlach M, Riederer P (1999) MAO-B-Hemmer: Allgemeine Pharmakologie. *Neuro-Psychopharmaka*, Riederer P, Laux G, Pödlinger W (Eds) Springer Wien 5 (2): 169-179

(770)

Riederer P (1999) Dopaminrezeptoragonisten: Der neuroprotektive Ansatz. *Neuro-Psychopharmaka*, Riederer P, Laux G, Pödlinger W (Eds) Springer Wien 5 (2): 238-240

(771)

Gerlach M, Riederer P (1999) Pathophysiologische Grundlagen und Prinzipien der Pharmakotherapie. Neuro-Psychopharmaka, Riederer P, Laux G, Pöldinger W (Eds) Springer Wien 5 (2): 40-53

(771a)

Durany N, Münch G, Michel T, Riederer P (1999) Investigations on oxidative stress and therapeutical implications in dementia. Eur Arch Psychiatry Clin Neurosci 249/3: 68-73

(771b)

Frölich L, Blum-Degen D, Riederer P, Hoyer S (1999) A Disturbance in the Neuronal Insulin Receptor Signal Transduction in Sporadic Alzheimer's Disease. Annals of the New York Academy of Sciences 893: 290

(771c)

Kornhuber J, Jellinger K, Wiltfang J, Leblhuber F, Riederer P (1999) The N-methyl-D-aspartate receptor channel blocker amantadine does not cause histopathological alterations in human brain tissue. Acta Neuropathol 98:85-90

(771d)

Sohma H., Hashimoto E., Shirasaka T., Tsunematsu R., Ozawa H., Boissl, K.W., Böning J., Riederer P., Saito, T. (1999) Quantitative reduction of type I adenylyl cyclase in human alcoholics. Biochemica et Biophysica Acta 11-18

(771e)

Ozawa H., Kornhuber J., Frölich L., Yamaguchi T., Ukai W., Shichinohe S., Ishikawa H., Riederer P. (1999) Postnatal ontogeny of GTP binding protein in the human frontal cortex. Life Scienc 65: (22): 2315-2323

(771f) Thome J., Weijers H.G., Wiesbeck, G.A., Sian J., Nara K., Böning J., Riederer P. (1999) Dopamine D3 receptor gene polymorphism and alcohol dependence: relation to personality rating. Psychiatric Genetics;).17-21

2000

(772)

Foley P, Gerlach M, Youdim MBH, Riederer P (2000) MAO-B inhibitors: multiple roles in the therapy of neurodegenerative disorders? Elsevier: Parkinsonism and Related Disorders 6: 25-47

(773)

Foley P, Mizuno Y, Nagatsu T, Sano A, Youdim MBH, McGeer P, McGeer E, Riederer P (2000) The L-DOPA story – an early Japanese contribution. Elsevier: Parkinsonism and Related Disorders, Mov.Dis. 6: 1

(774)

Götz ME, Gerstner A, Harth R, Dirr A, Janetzky B, Kuhn W, Riederer P, Gerlach M (2000) Altered redox state of platelet coenzyme Q₁₀ in Parkinson's disease. J Neural Transm 107: 41-48

(775)

Xiao AY, Double K, Heinemann T, Rausch WD, Riederer P, Gerlach M (2000) The industrial chemical Tinuvin 123 does not induce dopaminergic neurotoxicity in C57BI/6 mice. Neurosci Lett 278: 165-168

(776)

Gerlach M, Riederer P, Reichmann H (2000) Präklinische und klinische Aspekte von Dopamin-Agonisten. Was ist gesichert? Nervenheilkunde 2:53/13-59/25

(777)

Wüllner U, Weller M, Kornhuber J, Bornemann A, Schulz JB, Riederer P (2000) Altered Expression of Calcium- and Apoptosis-Regulating Proteins in Multiple System Atrophy Purkinje Cells. Movement Disorders 15/2:269-275

(778)

Kavvadias D, Abou-Mandour AA, Czygan FC, Beckmann H, Sand P, Riederer P, Schreier P (2000) Identification of Benzodiazepines in Artemisia dracunculus and Solanum tuberosum Rationalizing their Endogenous Formation in Plant Tissue. Biochem Biophys Res Comm 269:290-295

(779)

Heim C, Zhang J, Lan J, Sieklucka M, Kurz T, Riederer P, Gerlach M, Sontag KH (2000) Cerebral oligoemia episode triggers free radical formation and late cognitive deficiencies. Eur J Neurosci 12:715-725

(780)

Foley P, Riederer P (2000) Influence of neurotoxins and oxidative stress on the onset and progression of Parkinson's disease. J Neurol 247[Suppl 2]:82-94

(781)

Riederer P, Foley P (2000) Zukunftstrends in der Behandlung der Parkinson-Krankheit und der Demenz vom Alzheimer-Typ. Schattauer Verlag, Kalden, Klinger, Welzel (eds) Die Innere Medizin an der Schwelle des neuen Jahrhunderts: 123-148

(782)

Savvateeva E, Popov A, Kamyshev N, Bragina J, Heisenberg M, Senitz D, Kornhuber J, Riederer P (2000) Age-dependent memory loss, synaptic pathology and altered brain plasticity in the Drosophila mutant cardinal accumulating 3-hydroxykynurenine. J Neural Transm 107: 581-601

(783)

Sand P, Kavvadias D, Feineis D, Riederer P, Schreier P, Kleinschnitz M, Czygan FC, Abou-Mandour A, Bringmann G, Beckmann H (2000) Naturally occurring benzodiazepines: current status of research and clinical implications. Eur Arch Psychiatry Clin Neurosci 250:1-9

(784)

(785)

Durany N, Zöchling R, Boissl KW, Paulus W, Ransmayr G, Tatschner T, Danielczyk W, Jellinger K, Deckert J, Riederer P (1999) Human post-mortem striatal $\alpha 4 \beta 2$ nicotinic acetylcholine receptor density in Schizophrenia and Parkinson's syndrome. Neurosci Lett 287:109-112

(786)

Riederer P, Sian J, Gerlach M (2000) Is there neuroprotection in Parkinson syndrome? J Neurol 247 [Suppl 4]:8-11

(787)

Riederer P, Brücke T, Müller T, Schwartz A, Storch A, Winner B (2000) Workshop II: „Neuroprotection“ – the Lugano consensus. J Neurol 247 [Suppl 4]:36-37

(788)

Sand P, Lesch KP, Catalano M, Bosi M, Syagailo YV, Okladnova O, Di Bella D, Maffei P, Heils A, Friess F, Politi E, Nöthen MM, Franke P, Stöber G, Fritze J, Maier W, Propping P, Beckmann H, Bellodi L, Riederer P, Deckert J (2000) Polymorphic MAO-A and 5-HT-Transporter Genes : Analysis of Interactions in Panic Disorder. World J Biol Psychiatry 1:147-150 oder Am J Med Genet 96, 4:558

(789)

Koutsilieri E, Czub S, Scheller C, Sopper S, Tatschner T, Stahl-Hennig C, ter Meulen V, Riederer P (2000) Brain coline acetyltransferase reduction in SIV infection. An index of early dementia? NeuroReport 11/11:2391-2393

(790)

Gerlach M, Reichmann H, Riederer P (2000) Angriff auf das Dopaminsystem. Aktuelle Therapiekonzepte der Parkinson-Krankheit. Extracta psychiatrica 9:12-17

(791)

Sand P, Lesch KP, Catalano M, Bosi M, Syagailo Y, Okladnova O, DiBella D, Maffei P, Nöthen MM, Franke P, Stöber G, Fritze J, Maier W, Propping P, Beckmann H, Bellodi L, Riederer P, Deckert J (2000) Polymorphe MAO-A and 5-HT-Transporter Gene: Interaktionsanalyse bei Panikstörung. *Nervenarzt* 71 Suppl 1:159

(792)

Frey U, Retz W, Riederer P, Rösler M (2000) Neue Aspekte in der antidementiven Pharmakotherapie der Alzheimer-Erkrankung. *Akt Neurol* 27:305-317

(793)

Foley P and Riederer P (2000) The motor circuit of the human basal ganglia reconsidered. *J Neural Transm [Suppl]* 58:97-110, Review

(794)

Gerlach M, Double KL, Youdim MBH, Riederer P (2000) Strategies for the Protection of Dopaminergic Neurons against Neurotoxicity. *Neurotox Res* 2:99-114

(795)

Double K, Zecca L, Costi P, Mauer M, Griesinger C, Ito S, Ben-Shachar D, Bringmann G, Fariello RG, Riederer P, Gerlach M (2000) Structural Characteristics of Human Substantia Nigra Neuromelanin and Synthetic Dopamine Melanins. *J. Neurochemistry* 75, Vol 5: 2583-2589

(796)

Durany N, Michel T, Jellinger K, Cruz-Sánchez F, Cerv's-Navarro J, Riederer P (2000) Brain-derived neurotrophic factor and neurotrophin-3 levels in Alzheimer's disease brains. *Int. J. Devl. Neuroscience* 18, 807-813

(797)

Durany N, Ravid R, Riederer P, Cruz-Sánchez F (2000) Increased frequency of the α -1-antichymotrypsin T allele in cerebral amyloid angiopathy *Neuropathology* 20, 184-189

(798)

Yamamoto M, Götz M, Ozawa H, Luckhaus C, Saito T, Rösler M, Riederer P (2000) Hippocampal level of neural specific adenylyl cyclase type I is decreased in Alzheimer's disease, *Biochimica et Biophysica Acta* 1535: 60-68

(799)

Muench G, Marahrens A, Kenkies M, Riederer P, Hager K alpha-Liponsäure als neuer Therapieansatz bei der Behandlung der Demenz vom Alzheimer-Typ (2000) *Geriatie Journal* 2/10: 21-23

(800)

Scheller C, Sopper S, Jassoy C, ter Meulen V, Riederer P, Koutsilieri E (2000) Dopamine activates HIV in chronically infected T lymphoblasts, *J of Neural Transm* 107 (12) 1483-1489

(801) Münch G, Lüth HJ, Wong A, Arendt Th, Hirsch E, Ravid R, Riederer P (2000) Crosslinking of α -synuclein by advanced glycation endproducts – an early pathophysiological step in Lewy body formation? *Jornal of Chem. Neuroanatomy* 20; 253-257

(802) Cruz-Sánchez F, Durany N, Thome J, Riederer P, Zambón D (2000) Correlation between Apolipoprotein-E Polymorphism and Alzheimer's Disease Pathology. *Journal of Alzheimer's Disease* 2: 223-229

(803)

Sand P, Godau C, Riederer P, Peters C, Franke P, Nöthen M, Stöber G, Fritze J, Maier W, Propping P, Lesch KP, Riess O, Sander T, Beckmann H, Deckert J (2000) Exonic variants of the GABA_B receptor gene and panic disorder. *Psychiatric Genetics*:1-4

(804)=(802)

(805)

Megumi Yamamoto, Sabine pohli, Nuria Durany, Hiroki ozawa, Toshikazu Saito, Karl W. Boissl, Robert Zöchling, Peter Riederer, Jobst Böning, Mario E. Götz (2000) Increased levels of calcium-sensitive adenylyl cyclase subtypes in the limbic system of alcoholics: evidence for a specific role of camp signaling in the human addictive brain. *Brain Research* 895: 233-237

(806)

Manfred Gerlach, Moussa B.H. Youdim, Peter Riederer (2000) Brain iron and other trace metals in Neurodegenerative diseases. *Kluwer Academic/Plenum Publishers* 260-276

(807)

Kay L. Double, Luigi Zecca, Dorit Ben-Shachar, Moussa B.H. Youdim, Peter Riederer, Manfred Gerlach (2000) Neuromelanin may mediate Neurotoxicity via its interaction with redox active iron. *Kluwer Academic/Plenum Publishers* 212-218

(808)

P. Riederer, D. B. Calne, R. Horowski, Y. Mizuno, C. W. Olanow, W. Poewe, M.B.H. Youdim (eds.) (2000) *Advances in Research on Neurodegeneration. Volume 8 Springer Medicine (Buch)*

(809)

K. Magyar, E.S. Vizi (2000) Milestones in monoamine oxidase research: discovery of (-) – deprenyl; M. Gerlach, P. Riederer (200) *Theories concerning the aetiology and pathogenesis of Parkinson's disease, Medicina Publishing House Co., Budapest* 131-157

(810)

M. Gerlach, H. Reichmann, P. Riederer (2000), Pathophysiologische Mechanismen der Parkinson-Krankheit und neuroprotektive Therapiekonzepte; *Nervenheilkunde* 2000; 19:496-503

(811)

K.L. Double, M. Gerlach, M.B.H. Youdim, P. Riederer (2000), Impaired iron homeostasis in Parkinson's disease; *Journal of Neural Transmission* (2000) Suppl. 60: 37-58, Review

(812) Gerlach M., Double K.L., Youdim M.B.H., Riederer P. Strategies for the Protection of dopaminergic Neurons against Neurotoxicity (2000), in: *Neurodegenerative Brain Disorders* (eds: Palomo T., Beninger R.J., Archer T.) Fundacion Cerebro y Mente, Madrid, 587-607

(813)

Riederer P., Foley P., (2000), Ätiologie und Pathogenese der Parkinson-Krankheit aktuelle Befunde und Hypothesen; Editiones Roche, Herausgeber: Prof. Dr. Wolfgang H. Oertel, Neurologische Universitätsklinik Marburg, 15-25

2001

(814)

P. J. Kahle, M. Neumann, L. Ozmen, V. Müller, S. Odoy, H. Jacobsen, T. Iwatsubo, J. Q. Trojanowski, H. Takahashi, K. Wakabayashi, N. Bogdanovic, P. Riederer, H. A. Kretzschmar, C. Haass (2001) Selective Insolubility of α -Synuclein in Human Lewy Body, Diseases is Recapitulated in an Transgenic Mouse Model; *Am. J. Pathol.* 159 (6) 2215-2225

(815)

Gerlach M, Blum-Degen D, Ransmayr G, Leblhuber F, Pedersen V, Riederer P (2001) Expression, but not activity, of neuronal nitric oxide synthase is regionally increased in the alcoholic brain *Alcohol&Alcoholism*, Vol 36, No.1, 65-69

(816)

Yamamoto M, Pohli S, Durany N, H, Saito T, Boissl K, Zöchling R, Riederer P, Böning J, Götz M (2001) Immunoreactivity of cAMP response element binding protein is not altered in the post-mortem cerebral cortex or cerebellum of alcoholics *Alcohol&Alcoholism* Vol. 36: 70-74

(817)

Koutsilieri E, Scheller C, Sopper S, Götz M, Gerlach M, ter Meulen V, Riederer P (2001) Selegiline completely restores choline acetyltransferase activity deficits in simian immunodeficiency infection, *European Journal of Pharmacology* 411: R1-R2

(818)

Czub S, Koutsilieri E, Sopper S, Czub M, Stahl-Hennig C, Müller JG, Pedersein V, Gsell W, Heeney JL, Gerlach M, Gosztanyi G, Riederer P, ter Meulen V (2001) Enhancement of central nervous system pathology in early simian immunodeficiency virus infection by dopaminergic drugs. *Acta Neuropathol* 101:85-91

(819)

Sladjana Dukic-Stefanovic, Reinhard Schinzel, Peter Riederer, Gerald Münch (2001) Ages in brain ageing: AGE-inhibitors as neuroprotective and anti-dementia drugs. *Biogerontology* 2: 19-34

(820)

K.-H. Braunewell, P. Riederer, C. Spilker, E.D. Gundelfinger, B. Borgerts, H.-G. Bernstein (2001) Abnormal Localization of Two Neuronal Calcium Sensor Proteins, Visinin-Like Proteins (VILIPs)-1 and -3, in Neocortical Brain Areas of Alzheimer Disease Patients. *Dement Geriatr Cogn Disord* 12: 110-116

(821)

M. Gerlach, A.-Y. Xiao, W. Kuhn, R. Lehnfeld, P. Waldmeier, K.H. Sontag, P. Riederer (2001) The central catechol-O-methyltransferase inhibitor tolcapone increases striatal hydroxyl radical production in L-DOPA/carbidopa treated rats. *J Neural Transm* 108: 189-204

(822)

Andreas Reif, Luigi Zecca, Peter Riederer, Martin Feelisch, Harald H.H.W. Schmidt (2001) Nitroxyl Oxidizes NADPH in a superoxide dismutase inhibitable manner, *Free Radical Biology & Medicine*. Vol. 30, No.7, 803-808

(823)

S. Shichinohe, H. Ozawa, E. Hashimoto, T. Tatschner, P. Riederer, T. Saito (2001) Changes in the cAMP-related signal transduction mechanism in postmortem human brains of heroin addicts; *J Neural Transm* 108:335-347

(824)

P. Riederer, H. Reichmann, B. Janetzky, J. Sian, K.-P. Lesch, K. W. Lange, K.L. Double, T. Nagatsu, M. Gerlach (2001) Neural Degeneration in Parkinson's Disease; *Advances in Neurology* Vol. 86, 125-136

(825)

R. Mössner, A. Henneberg, A. Schmitt, Y.V. Syagailo, M. Grässle, T. Henning, R. Simantov, M. Gerlach, P. Riederer, K.P. Lesch (2001) Allelic variation of serotonin transporter expression is associated with depression in Parkinson's disease, *Molecular Psychiatry* (2001) 6 350 – 352

(826)

L. Zecca, M. Gallorini, V. Schünemann, A.X. Trauwein, M. Gerlach, P. Riederer, P. Vezzoni, D. Tampellini (2001), Iron, neuromelanin and ferritin content in the substantia nigra of normal subjects at different ages: consequences for iron storage and neurodegenerative processes; *Journal of Neurochemistry*, 76, 1766-1773

(827)

Götz, M.E., Janetzky, B., Pohli S., Gottschalk A., Gsell W., Tatschner T., Ransmayr, G., Leblhuber F., Gerlach M., Reichmann H., Riederer P., Böning J. (2001) Chronic Alcohol Consumption and Cerebral Indices of Oxidative Stress: Is there a Link? *Alcohol Clin Exp Res* Vol. 25, No 5, pp 717-725

(828)

Pandey S.C., Saito T., Yoshimura M., Soham H., Götz M.E. (2001) cAMP Signaling Cascade: A Promising Role in Ethanol Tolerance and Dependence *Alcohol Clin Exp Res* Vol 25, No 5, pp 46S-48S

(829)

Yamamoto M., Pohli S., Durany N., Ozawa H., Saito T., Bissl K.W., Zöchling R., Riederer P., Böning J., Götz M.E. (2001) Increased levels of calcium-sensitive adenylyl cyclase subtypes in the limbic system of alcoholics: evidence for a specific role of cAMP signaling in the human addictive brain; *Brain Res*. 895: 233-237

(830)

Hager K., Marahrens A., Kenklies M., Riederer P., Münch G. (2001) Alpha-lipoic acid as a new treatment option for Alzheimer type dementia; Elsevier Science, Archives of Gerontology and Geriatrics 32: 275-282

(831)

Reichmann H., Sommer U., Gerlach M., Riederer P. (2001) Pharmakotherapie des idiopathischen Parkinson-Syndroms unter besonderer Berücksichtigung neuroprotektiver Therapiestrategien; Nervenheilkunde 4/2001, 20:227-36

(832)

Koutsilieri E., ter Meulen V., Riederer P. (2001) Neurotransmission in HIV associated dementia: a short review; J Neural Transm 108: 767-775

(833)

Schnurra I, Bernstein HG, Riederer P, Braunevel KH. (2001) The neuronal calcium sensor protein VILIP-1 is associated with amyloid plaques and extracellular tangles in Alzheimer's disease and promotes cell death and tau phosphorylation in vitro: a link between calcium sensors and Alzheimer's disease?, Neurobiol Dis.8(5):900-9.

(834)

Kupsch A, Sautter J, Götz ME, Breithaupt W, Schwarz J, Youdim MBH, Riederer P, Gerlach M, Oertel WH, (2001) Monoamine oxidase-inhibition and MPTP-induced neurotoxicity in the non-human primate: comparison of rasagiline (TVP 1012) with selegiline. J Neural Transm. 108(8-9):985-1009.

(835)

Deuther-Conrad W, Loske C, Schinzel R, Dringen R, Riederer P, Münch G (2001) Advanced glycation endproducts change glutathione redox status in SH-SY5Y human neuroblastoma cells by a hydrogen peroxide dependent mechanism. Neurosci Lett. 12;312(1):29-32.

(836)

Zecca L, Tameplini D, Gerlach M, Riederer P, Fariello RG, Sulzer D (2001) Substantia nigra neuromelanin: structure, synthesis, and molecular behaviour. Mol Pathol. 54(6):414-8. Review.

(837)

Durany N, Michel T, Zöchling R, Boissl KW, Cruz-Sanchez FF, Riederer P, Thome J (2001) Brain-derived neurotrophic factor and neurotrophin 3 in schizophrenic psychoses. Schizophr Res. 1;52(1-2):79-86.

(838)

Berg D, Gerlach M, Youdim MBH, Double KL, Zecca L, Riederer P, Becker G (2001) Brain iron pathways and their relevance to Parkinson's disease. *J Neurochem.*79(2):225-36. Review.

(839)

Retz W, Thome J, Durany N, Harsanyi A, Retz-Junginger P, Kornhuber J, Riederer P, Rösler M (2001) Potential genetic markers of sporadic Alzheimer's dementia. *Psychiatr Genet.*;11(3):115-22.

(840)

Ibarra C, Nedvetsky PI, Gerlach M, Riederer P, Schmidt HHW (2001) Regional and age-dependent expression of the nitric oxide receptor, soluble guanylyl cyclase, in the human brain. *Brain Res.* 13;907(1-2):54-60.

(841)

Harth R, Gerlach M, Riederer P, Götz ME (2001) A highly sensitive method for the determination of protein bound 3,4-dihydroxyphenylalanine as a marker for post-translational protein hydroxylation in human tissues ex vivo. *Free Radic Res.*;35(2):167-74.

(842) Sand P, Kleinschnitz M, Vogel P, Kavvadias D, Schreier P, Riederer P (2001)

Naturally

occurring benzodiazepines may codetermine chronotypes. *J Neural Transm* 108: 747-753

(842 a) Wong A., Schinzel R., Weisinger H., Riederer P., Münch G. (2001) Anti-inflammatory antioxidants attenuate the expression of inducible nitric oxide synthase mediated by advanced glycation endproducts in murine microglia. *Europ J Neurosc* 14: 1961-1967

(842 b) Rubie C., Schmidt F., Knapp M., Sprandel J., Jungkunz G., Wiegand C., Meyer J., Lesch K.-P., Riederer P., Stöber G. (2001) The human dopamine transporter gene: the 5'-flanking region reveals five diallelic polymorphic sites in a Caucasian population sample. *Neurosc Lett* 297: 125-128

2002

(843)

Mössner R., Dringern R., Persico A.M., Janetzky B., Okladnova O., Albert D., Götz M., Benninghoff J., Schmitt A., Gerlach M., Riederer P., Lesch K.P. (2002) Increased hippocampal DNA oxidation in serotonin transporter deficient mice. *J Neural Transm* 109: 557-565

(844)

Götz M.E., Koutsilieri E., Riederer P., Ceccatelli S., Daré E. (2002) Methylmercury induces neurite degeneration in primary culture of mouse dopaminergic mesencephalic cells. *J Neural Transm* 109: 597-605

(845)

Sopper S., Koutsilieri E., Scheller C., Czub S., Riederer P., ter Meulen V. (2002) Macaque animal model for HIV-induced neurological disease. *J Neural Transm* 109: 747-766

(846)

Meyer J., Saam W., Mössner R., Cangir Ö., Ortega G.R., Tatschner T., Riederer P., Wienker T.F., Lesch K.P. (2002) Evolutionary conserved microsatellites in the promoter region of the 5-hydroxytryptamine receptor 2C gene (HTR2C) are not associated with bipolar disorder in females. *J Neural Transm* 109: 939-946

(847)

Götz M.E., Wacker M., Luchkaus C., Wanek P., Tatschner T., Jellinger K., Leblhuber F., Ransmayr G., Riederer P., Eder E. (2002) Unaltered brain levels of 1, N²-propanodeoxyguanosine adducts of trans-4-hydroxy-2-nonenal in Alzheimer's disease. *Neuroscience Letters* 342: 49-52

(848)

Rujescu D., Riederer P. Non-Monoaminergic Transmitters, Glia Cell Markers, Cell adhesion Molecules and Synaptic Proteins in Postmortem Brain tissue (2002), in: *The Postmortem Brain in Psychiatric Research*. (eds: Agam G., Everall I.P., Belmaker R.H.) Kluwer Academic Publishers, Boston/Dordrecht/London 387-394

(849)

Zecca L., Fariello R., Riederer P., Sulzer D., Gatti A., Tampelini D. (2002) The absolute concentration of nigral neuromelanin, assayed by a new sensitive method, increases throughout the life and is dramatically decreased in Parkinson's disease. *FEBS Letters* 510: 216-220

(850)

Koutsilieri E., Sopper S., Scheller C., ter Meulen V., Riederer P. (2002) Involvement of dopamine in the progression of AIDS Dementia Complex. *J Neural Transm* 109: 399-410

(851)

Riederer P., Foley P., Bringmann G., Feineis D., Brückner R., Gerlach M. (2002) Biochemical and pharmacological characterization of 1-trichloromethyl-1,2,3,4-tetrahydro- β -carboline: a biologically relevant neurotoxin? *European J Pharmacology* 442: 1-16

(852)

Koutsilieri E., Sopper S., Scheller C., ter Meulen V., Riederer P. (2002) Parkinsonism in HIV dementia. *J Neural Transm* 109: 767-775

(853)

Bruinvels J., Riederer P. Pharmakologie (2002), in: Neuro-Psychopharmaka, Bd. 3, 2. Aufl. (eds: Riederer P., Laux G. Pödlinger W.) Springer-Verlag Wien, 630-634

(854)

Rujescu D., Möller H.-J., Riederer P. Postmortem Befunde bei Depression (2002), in: Neuro-Psychopharmaka, Bd. 3, 2. Aufl. (eds: Riederer P., Laux G. Pödlinger W.) Springer-Verlag Wien, 12-30

(855)

Kettler R., Borroni E., Cesura A., Grünblatt E., Jorga Kl, Richards J.G., Riederer P., Da Prada M. Neurobiochemie, Wirkmechanismus (2002)), in: Neuro-Psychopharmaka, Bd. 3, 2. Aufl. (eds: Riederer P., Laux G. Pödlinger W.) Springer-Verlag Wien, 474-488

(856)

Gerlach M., Riederer P. Monoamin-Oxidase-Hemmer (2002)), in: Neuro-Psychopharmaka, Bd. 3, 2. Aufl. (eds: Riederer P., Laux G. Pödlinger W.) Springer-Verlag Wien, 437-441

(857)

Sand P.G., Schlurmann K., Luckhaus C., Götz M., Stöber G., Lesch K.-P., Riederer P., Franke P., Maier W., Nöthen M.M., Propping P., Fritze J., Deckert J. (2002) Estrogen Receptor 1 Gene (ESR1) Variants in Panic Disorder. American J Med Gen (Neuropsych Gen) 114:426-428

(858)

Blandini F., Sand P., Riederer P., Greenamyre J.T. Parkinsons' Disease-Neuroprotection (2002), in: Iontropic Glutamate Receptors as Therapeutic Targets. (eds: Lodge D., Danysz W., Parsons C.G.) F.P. Graham Publishing Co. Johnson City, Tennessee

(859)

Double K.L., Gerlach M. Ben-Shachar D., Youdim M.B.H., Zecca L., Riederer P.(2002) Influence of neuromelanin on oxidative pathways within the human substantia nigra, Neurotoxicology and Teratology 24: 621-628

(860)

Dukic-Stefanovic S, Schicktanz D, Wong A, Palm D, Riederer P, Niwa T, Schinzel R, Münch G. (2002) Characterization of antibody affinities using an AGE-modified dipeptide spot library, in: Elsevier, J Immunolog Methods, 266:45-52

(861)

Koutsilieri E., Scheller C., Czub S., Sopper S., ter Meulen V., Riederer P. (2002) Dopamine is a pathogenetic factor in HIV-induced Neuro-Aids, in: Advances in Behavioural Biology, Catecholamine Research: From Molecular Insights to Clinical Medicine (eds: Nagatsu T., Nabeshiwa T., McCarty R., Goldstein D.S.), Kluwer Academic/Plenum Publishers, 53:475-478

(862)

Koutsilieri E., Scheller C., Tribl F., Riederer P. (2002) Degeneration of neuronal cells due to oxidative stress – microglial contribution, in: Elsevier, Parkinsonism and Related Disorders, 8:401-406

(863)

Koutsilieri E., Scheller C., Grünblatt E., Nara K., Li J., Riederer P. (2002) Free radicals in Parkinson's disease. J Neurol 249(Suppl2):II/1-II/5

(864)

Berg D., Becker G., Riederer P., Rieß O. (2002) Iron in neurodegenerative Disorders. *Neurotoxicity Research*, 4 (7-8):637-653

(865)

Koutsilieri E., Scheller C., Sopper S., ter Meulen V., Riederer P. (2002) The pathogenesis of HIV-induced dementia, in: Elsevier, *Mechanisms of Ageing and Development*, 123:1047-1053

(866)

Riederer P., Foley P. (2002) Mini-Review: Multiple developmental forms of parkinsonism. The basis for further research as to the pathogenesis of parkinsonism. *J Neural Transm*, 109:1469-1475

(867)

Riederer P., Gerlach M., Foley P., *Neurotransmitters and Pharmacology of the Basal Ganglia* (2002): Parkinson's Disease & Movement Disorders (eds: Jankovic J.J., Tolosa E.) Lippincott Williams&Wilkins, Philadelphia, Baltimore, New York, London, Buenos Aires, Hong Kong, Sydney, Tokyo. 4. Auflage, 23-37

(868)

Riederer P., Gille G., Müller T., Przuntek H., Reichmann H., Riess O., Schwartz A., Schwarz J., Vogt T. (2002) Practical importance of neuroprotection in Parkinson' disease. *J Neurol* 249 [Suppl 3]: III/53-III/56

(869)

Thome J., Riederer P., (2002): Störungen der Neurotransmission als Grundlage psychiatrischer Erkrankungen. *Psychiatrie & Psychotherapie* (eds: Möller H.-J., Laux G., Kapfhammer H.-P.) Springer, Berlin, Heidelberg, New York, Hongkong, London, Mailand, Paris, Tokio. 2. Auflage, 123-140

(870)

Riederer P, (2002) Laudatio Univ.-Prof. Dr. W. Danielczyk, Verleihung der Ehrenmitgliedschaft der DPG, in: *Neuropathologie des Parkinson-Syndroms und neue Entwicklungen in der Therapie* (Hrsg. Oertel W) Hoffmann-La-Roche AG, Grenzach-Wyhlen, S3-6

(871)

Gerlach M, Riederer P, (2002) MAO-B-Hemmung, aktueller Stand und zukünftige Perspektiven, in: *Neuropathologie des Parkinson-Syndroms und neue Entwicklungen in der Therapie* (Hrsg. Oertel W) Hoffmann-La-Roche AG, Grenzach-Wyhlen, S. 79-87

(872)

Gerlach M, Ukai W, Ozawa H, Riederer P (2002); Different modes of action of catecholamine-O-methyltransferase inhibitors entacapone and tolcapone on adenylyl cyclase activity in vitro, *J Neural Transm* 109:789-795

(873)

Sand P.G., Mori T., Godau C., Stöber G., Flachenecker P., Franke P., Möthen M.M., Fritze J., Maier W., Lesch K.-P., Riederer P., Beckmann H., Deckert J. (2002) Norepinephrine transporter gene (NET) variants in patients with panic disorder. *Neurosc Lett* 333:41-44

(873a)

Koutsilieri E., Scheller C., Sopper S., ter Meulen V., Riederer P. (2002) Psychiatric Complications in Human Immunodeficiency Virus Infection. *J NeuroVirol.* Vol. 8 (2) Suppl 1, 129-133

(873b)

Yahr M., Korczyn A, Danielczyk W., Riederer P. (2002) Prof. Max Streifler, 1915-2002.

2003

(874)

Vogel C., Mössner R., Gerlach M., Heinemann T., Murphy D.L., Riederer P., Lesch K.-P., Sommer C. (2003) Absence of Thermal Hyperalgesia in Serotonin Transporter-Deficient Mice. *J of Neuroscience*, 23(2):708-715

(875)

Gerlach M., Riederer P. (2003) Aktuelle präklinische Befunde zu Anti-Parkinson-Mitteln. *Nervenarzt*, 74 (Suppl 1): S2-S6

(876)

Mandel S., Grünblatt E., Riederer P., Youdim M.B.H., Genes and Oxidative Stress in Parkinsonism: cDNA Microarray Studies (2003): *Advances in Neurology* (eds: Gordin A., Kaakkola S., Teräväinen H.) Lippincott Williams & Wilkins, Philadelphia, Baltimore, New York, London, Buenos Aires, Hong Kong, Sydney, Tokyo. Vol. 91:123-132

(877)

Grünblatt E., Schlößer R., Gerlach M., Riederer P., Preclinical Versus Clinical Neuroprotection (2003), in: *Advances in Neurology* (eds: Gordin A., Kaakkola S., Teräväinen H.) Lippincott Williams & Wilkins, Philadelphia, Baltimore, New York, London, Buenos Aires, Hong Kong, Sydney, Tokyo. Vol. 91: 309-328

(878)

Kavvadias D., Monschein V., Sand P., Riederer P., Schreier P. (2003) Constituents of sage (*Salvia officinalis* L.) with in vitro affinity to human brain benzodiazepine receptor. *Planta Med*, 69, 113-117

(879)

Hoyer S, Riederer P (2003) Pathomechanismen und hypothesengeleitete Therapieoptionen bei der Spätform der Alzheimer-Krankheit. *Fortschr Neurol Psychiat*, 71: 16-26

(880)

Münch G, Gasic-Milenkovic J, Dukic-Stefanovic S, Kuhla B, Heinrich K, Riederer P, Huttunen HJ, Founds H, Sajithlal G (2003) Microglial activation induces cell death, inhibits neurite outgrowth and causes neurite retraction of differentiated neuroblastoma cells. *Exp Brain Res*, 150:1-8

(881)

Johannes S, Reif, A, Senitz D, Riederer P, Lauer M (2003) NADPH-diaphorase staining reveals new types of interneurons in human putamen, *Brain Research* 980: 92-99

(882)

Oertel WH, Becker A, Deuschl G, Reichmann H, Storch A, Gerlach M, Riederer P, Schulz JB (2003) Neue Aspekte in der Behandlung des Morbus Parkinson, *Akt Neurol*; 30 Suppl. 2:263-265

(883)

Fallgatter AJ, Neuhauser B, Herrmann MJ, Ehlis AC, Wagener A, Scheuerpflug P, Reiners K, Riederer P. (2003) Far field potentials from the brain stem after transcutaneous vagus nerve stimulation. *J Neural Transm.* 110(12):1437-43.

(884)

Toyka KV, Riederer P. (2003) Professor Georg Becker, MD (1961-2003). *Neurology* 9;61(11):1474

(885)

Double KL, Halliday GM, Henderson J, Griffiths FM, Heinemann T, Riederer P, Gerlach M. (2003) The dopamine receptor agonist lisuride attenuates iron-mediated dopaminergic neurodegeneration. *Exp Neurol.* 184(1):530-5.

(886)

Riederer P, Lachenmayer L. (2003) Selegiline's neuroprotective capacity revisited. *J Neural Transm.* 2003 Nov;110(11):1273-8.

(887)

Gerlach M, Double K, Arzberger T, Leblhuber F, Tatschner T, Riederer P. (2003) Dopamine receptor agonists in current clinical use: comparative dopamine receptor binding profiles defined in the human striatum. *J Neural Transm.* 2003 Oct;110(10):1119-27.

(888)

Gerlach M, Double K, Reichmann H, Riederer P. (2003) Arguments for the use of dopamine receptor agonists in clinical and preclinical Parkinson's disease. *J Neural Transm Suppl.* 2003;(65):167-83

(889)

Zecca L, Zucca FA, Costi P, Tampellini D, Gatti A, Gerlach M, Riederer P, Fariello RG, Ito S, Gallorini M, Sulzer D. (2003) The neuromelanin of human substantia nigra: structure, synthesis and molecular behaviour. *J Neural Transm Suppl.* 2003;(65):145-55

(890)

Double KL, Gerlach M, Schunemann V, Trautwein AX, Zecca L, Gallorini M, Youdim MB, Riederer P, Ben-Shachar D. (2003) Iron-binding characteristics of neuromelanin of the human substantia nigra. *Biochem Pharmacol.* 2003 Aug 1;66(3):489-94.

(891)

Mandel S, Grunblatt E, Riederer P, Gerlach M, Levites Y, Youdim MB. (2003) Neuroprotective strategies in Parkinson's disease : an update on progress. *CNS Drugs.* 2003;17(10):729-62

(892)

Gerlach M, Double KL, Ben-Shachar D, Zecca L, Youdim MB, Riederer P. (2003) Neuromelanin and its interaction with iron as a potential risk factor for dopaminergic neurodegeneration underlying Parkinson's disease. *Neurotox Res.* 2003;5(1-2):35-44

(893)

Riederer P. (2003) Is there a subtype of developmental Parkinson's disease? *Neurotox Res.* 2003;5(1-2):27-34

(894)

Takeuchi M, Watai T, Sasaki N, Choei H, Iwaki M, Ashizawa T, Inagaki Y, Yamagishi S, Kikuchi S, Riederer P, Saito T, Bucala R, Kameda Y. (2003) Neurotoxicity of acetaldehyde-derived advanced glycation end products for cultured cortical neurons. *J Neuropathol Exp Neurol.* 2003 May;62(5):486-96.

(895)

Yamada S, Yamamoto M, Ozawa H, Riederer P, Saito T. (2003) Reduced phosphorylation of cyclic AMP-responsive element binding protein in the postmortem orbitofrontal cortex of patients with major depressive disorder. *J Neural Transm.* 2003 Jun;110(6):671-80

(896)

Gerlach M, Foley P, Riederer P. (2003) The relevance of preclinical studies for the treatment of Parkinson's disease. *J Neurol.* 2003 Feb;250 Suppl 1:I31-4

(897)

nicht vergeben

(898)

Savvateeva-Popova EV, Popov AV, Heinemann T, Riederer P. (2003) *Drosophila* mutants of the kynurenine pathway as a model for ageing studies. *Adv Exp Med Bio.* 527:713-722. in: *Developments in Tryptophan and Serotonin Metabolism.* eds: Allegri G., Costa C.V.L., Ragazzi E., Steinhart H., Varesio L. *Advances in Experimental Medicine and Biology*, Vol 527. Kluwer Academic/Plenum Publishers, New York, Boston Dordrecht, London, Moscow.

(899)

Deckert J, Brenner M, Durany N, Zochling R, Paulus W, Ransmayr G, Tatschner T, Danielczyk W, Jellinger K, Riederer P. (2003) Up-regulation of striatal adenosine A(2A) receptors in schizophrenia. *Neuroreport.* 2003 Mar 3;14(3):313-6

(900)

Gerlach M, Riederer P. (2003) Current preclinical findings on substances against Parkinson's disease] *Nervenarzt.* 2003 Mar;74 Suppl 1:S2-6. German.

2004

- 901) Riederer P., Danielczyk W., Grünblatt E. (2004) Monoamine Oxidase-B Inhibition in Alzheimer's Disease. *NeuroToxicol* 25, 271-277
- 902) Mössner R., Schmitt A., Hennig T, Benninghoff J., Gerlach M., Riederer P, Deckert J., Lesch K:P. (2004) Quantitation of 5HT3 receptors in forebrain of serotonin transporter deficient mice. *J Neural Transm* 111:27-35
- 903) Czub S., Czub M., Koutsilieri E., Sopper S., Villinger F., Müller J.G., Stahl-Hennig C., Riederer P., ter Meulen V., Gosztanyi G. (2004) Modulation of simian immunodeficiency virus neuropathology by dopaminergic drugs. *Acta Neuropathol.* 107:216-226
- 904) Przuntek H., Müller Th., Riederer P. (2004) Diagnostic staging of Parkinson's disease: conceptual aspects. *J neural Transm* 111:201-216
- 905) Foley P., Gerlach M., Double K.L., Riederer P. (2004) Dopamine receptor agonists in the therapy of Parkinson's disease. *J Neural Transm* 111: 1375-1446
- 906) Frölich L., Götz M.E., Weinmüller M., Youdim M.B.H., Barth N., Dirr A., Gsell W., Jellinger K., Beckmann H., Riederer P. (2004) (r)-, but not (s)-alpha lipoic acid stimulates deficient brain pyruvate dehydrogenase complex in vascular dementia, but not in Alzheimer dementia. *J Neural Transm* 111:295-310
- 907) Hashimoto E., Ozawa H., Saito T., Gsell W., Takahata N., Riederer P., Frölich L. (2004) Impairment of G_{sa} function in human brain cortex of Alzheimer's disease: comparison with normal aging. *J Neural Transm* 111:311-322
- 908) Grünblatt E., Hoyer S., Riederer P. (2004) Gene expression profile in streptozotocin rat model for sporadic Alzheimer's disease. *J Neural Transm* 111: 367-386
- 909) Berg D., Riederer P. (2004) Die Parkinson Krankheit. in: *Molekularmedizinische Grundlagen von altersspezifischen Erkrankungen.* eds: Ganten D., Ruckpaul K., Ruiz-Torres A. Springer-Verlag Berlin, Heidelberg, New York. pp 200-227
- 910) Gsell W., Jungkunz G., Riederer P. (2004) Functional neurochemistry of Alzheimer's disease. *Curr Pharm Des* 10(3): 265-293
- 911) Götz M.E., Riederer P. (2004) Advances in Neuroprotection Research for Neurodegenerative Diseases, in: *Frontiers in Clinical Neuroscience, Neurodegeneration and Neuroprotection, A Symposium in Abel Lajtha's Honour.* eds: Laszlo Vecsei. Kluwer Academic/Plenum Publishers, New York, Boston, Dordrecht, London, Moscow, pp 1-19
- 912) Riederer P., Danielczyk W., Grünblatt E. (2004) Monoamine Oxidase-B-Inhibition in Alzheimer's Disease; *Neurotoxicol.* (25): 271-277 in: *Monoamine Oxidases: Molecular, Pharmacological and Neurotoxicological Aspects; A tribute to Prof. Merton Sandler.* Eds:

Nicotra A., Parvez S.H., Glover V., Sandler M., Parvez S., Minami M., NeuroToxicology, Vol 25 (1-2), Amsterdam-London-New York-Oxford-Paris-Shannon-Tokyo

913) Baumann P., Hiemke C., Ulrich S., Gaertner I., Rao M.L., Eckermann G., Gerlach M., Kuss H.-J., Laux G., Müller-Oerlinghausen B., Riederer P., Zernig G. (2004) Therapeutic Monitoring of Psychotropic Drugs. *Ther Drug Monit*, Vol 26 (2), 167-170

914) Koutsilieri E, Scheller C., ter Meulen V., Riederer P. (2004) Monoamine Oxidase Inhibition and CNS Immunodeficiency Infection; *Neurotoxicol.* (25): 267-270 in: *Monoamine Oxidases: Molecular, Pharmacological and Neurotoxicological Aspects; A tribute to Prof. Merton Sandler*. Eds: Nicotra A., Parvez S.H., Glover V., Sandler M., Parvez S., Minami M., NeuroToxicology, Vol 25 (1-2), Amsterdam-London-New York-Oxford-Paris-Shannon-Tokyo

915) Morawski M., Brückner M.K., Riederer P., Brückner G., Arendt T. (2004) Perineuronal nets potentially protect against oxidative stress. *Experiment Neurol* 188: 309-315

916) D. Kavvadias, P. Sand, P. Riederer, E. Richling, P. Schreier (2004) Flavonoids and the central nervous system: The anxiolytic flavone hispidulin. Kapitel 6: Flavonoids and the Central Nervous System. In *DFG-Symposium Functional Food: Safety Aspects*, G. Eisenbrand, ed., Wiley-VCH, Weinheim 2004. pp 299-302

917) Dzierzega-Lecznar A., Kurkiewicz S., Stepień K., Chodurek E., Wilczok T., Arzberger T., Riederer P., Gerlach M. (2004) GC/MS analysis of thermally degraded neuromelanin from the human substantia nigra. *Am Soc Mass Spectrom*, 15:920-926

918) Baumann P., Hiemke C., Ulrich S., Eckermann G., Gaertner I., Gerlach M., Kuss H.-J., Laux G., Müller-Oerlinghausen B., Rao M.L., Riederer P., Zernig G. (2004) The AGNP-TDM Expert Group Consensus Guidelines: Therapeutic Drug Monitoring in Psychiatry. *Pharmacopsy* 37: 243-265

919) Zecca L, Youdim M.B.H., Riederer P., Connor J.R., Chrichton R.R. (2004) Iron, Brain ageing and Neurodegenerative Disorders. *Nature Reviews Neuroscience*, Vol. 5, 863-873

920) Berg D., Youdim M.B.H., Riederer P. (2004) Redox imbalance. *Cell Tissue Res*, 318: 201-213

921) Kavvadias D., Sand P., Youdim K.A., Zeeshan Qaiser M., Rice-Evans C., Baur R., Sigel E., Rausch W.D., Riederer P., Schreier P. (2004) The flavone hispidulin, a benzodiazepine receptor ligand with positive allosteric properties, traverses the blood-brain barrier and exhibits anti-convulsive effects. *British J Pharmacol*, 142: 811-820

922) Youdim M.B.H., Riederer P. (2004) Monoamine Oxidase inhibitors. Parkinson's disease and depressive illness. in: *Monoamine Oxidase inhibitors and their role in neurotransmission (drug development) (in honour of Dr. Magyar Kalman)*, eds: Török T.L., Klebovich I., Medicina Publishing House Co., Budapest. pp 21-40

923) Grünblatt, E.; Mandel, S., Jacob-Hirsch, J., Zeligson, S., Amariglio, N., Rechavi, G., Li, J., Ravid, R., Roggendorf, W., Riederer, P., Youdim, M.B.H. (2004) Gene expression profiling of parkinsonian substantia nigra pars compacta; alterations in ubiquitin-proteasome,

heat shock protein, iron and oxidative stress regulated proteins, cell adhesion/cellular matrix and vesicle trafficking genes. *Journal of Neural Transm*, 111:1543-1573

924) Gerlach M., van den Buuse M., Blaha C., Bremen D., Riederer P. (2004) Entacapone increases and prolongs the central effects of L-DOPA in the 6-hydroxydopamine-lesioned rat. *Naunyn-Schmiedeberg's Arch Pharmacol* 370:388-394

925) Braungart E., Gerlach M., Riederer P., Baumeister R., Hoener M.C. (2004) *Caenorhabditis elegans* MPP⁺ Model of Parkinson's Disease for High-Throughput Drug Screenings. *Neurodegenerative Dis* 1: 175-183

926) Riederer P. (2004) Views on neurodegeneration as a basis for neuroprotective strategies. *Med Sci Monit* 10 (12): RA287-290

927) Götz M.E., Double K. Gerlach M., Youdim M.B.H., Riederer P. (2004) The Relevance of Iron in the Pathogenesis of Parkinson's Disease. *Ann. N.Y. Acad. Sci* 1012:193-208

927a) Riederer P., Lachenmayer L., Laux G. (2004) Clinical Applications of MAO-Inhibitors. *Curr Med Chem*, 11:2033-2043

927b) Gerlach M., Reichmann H., Riederer P. (2004) Neuroprotektion: Fakt oder Fiktion? In: *die Parkinson-Krankheit und atypische Parkinson-Syndrome. Von der Grundlagenforschung zur vernetzten Therapieforschung*. Hoffmann-La Roche AG; pp 79-90

927c) Riederer P. (2004) An interdisciplinary approach to the Understanding of normal Behaviour and neuropsychiatric Disorders in particular. pp 319-327 in: *Reflections on twentieth-century Psychopharmacology*. Eds: Ban T.A., Healy D., Shorter E; Vol. 4, Animula Publishing House, Budapest, Hungary.

927d) Sudarikov Yu., Savvateeva-Popova E., Riederer P., Shegolev B.F. (2004) Ab initio investigation of the equilibrium geometry and electronic structure for the kynurenine and 3-hydroxykynurenine molecules. *Organic Chemistry*, 40(8): 1184-1187

927 e) Renner A, Sagstetter MR, Gotz ME, Lange V, Bengel D, Harms H, Riederer P, Elert O. (2004) Heterotopic rat heart transplantation: severe loss of glutathione in 8-hour ischemic hearts. *J Heart Lung Transplant*; 23(9):1093-102

2005

928) Fedorow H., Pickford R., Hook J.M., Double K.L., Halliday G.M., Gerlach M., Riederer P., Garner B., (2005) Dolichol is the major lipid component of human substantia nigra neuromelanin. *J Neurochem*, 92: 990-995

929) Grünblatt E., Schlößer R., Fischer P., Fischer M.O., Li J., Koutsilieri E., Wichart I., Sterba N., Rujescu D., Möller H.J., Adamczyk W., Dittrich B., Müller F., Oberegger K., Gatterer G., Jellinger K.J., Mostafaie N., Jungwirth S., Huber K., Tragl K.H., Danielczyk W., Riederer P. (2005) Oxidative stress related markers in the "VITA" and the centenarian projects. *Neurobiol of Aging*, 26: 429-438

930) Riederer P., Hoyer S. (2005) Störungen der Neurotransmission bei Demenzen. pp 27-43. in: Demenzen. eds: Wallesch C.W., Förstl H. Georg Thieme Verlag, Stuttgart

931) Gerlach M., Reichmann H., Riederer P. (2005) Levodopa in the Treatment of Parkinson's Disease: Current Controversies. *Mov Dis*, Vol 20:5, pp 643

932) Jie L., Scheller C., Koutsilieri E., Griffiths F., Beart P.M., Mercer L.D., Halliday G., Kettle E., Rowe D., Riederer P., Gerlach M., Rodriguez M., Double K.L. (2005) Differential effects of human neuromelanin and synthetic dopamine melanin on neuronal and glial cells. *J Neurochem* 95, 599-608

933) Schulz J.B., Benecke R., Dodel R., Eggert K., Fogel W., Gerlach M., Reichmann H., Riederer P., Schwartz A., Winkler J. (2005) Strukturierte Diagnostik bei Parkinson-Syndromen. *Akt Neurol* 32, Suppl 3:97-101

934) Wiltfang J., Lewczuk P., Riederer P., Grünblatt E, Hock C., Scheltens P., Hampel H., Vanderstichele H., Iqbal K., Galasko D., Lannfelt L., Otto M., Esselmann H., Henkel A.W., Kornhuber J., Blennow K. (2005). Consensus Paper of the WFSBP Task Force on Biological Markers of Dementia: The role of CSF and blood analysis in the early and differential diagnosis of dementia. *World J Biol Psych* 6(2): 69-84

935) Fedorow H., Tribl F., Halliday G., Gerlach M., Riederer P., Double K.L. (2005) Neuromelanin in human dopamine neurons: Comparison with peripheral melanins and relevance to Parkinson's disease. *Progress in Neurobiol* 75: 109-124

936) Tribl F., Gerlach M., Marcus K., Sasin E., Tatschner T., Arzberger T., Meyer H.E., Bringmann G., Riederer P. (2005) "Subcellular Proteomics" of Neuromelanin Granules Isolated from the Human Brain. *Molec&Cell Proteom* 4.7, 945-957

937) Carsten Scheller, Sieghart Sopper, Meta Jenuwein, Eva Neuen-Jacob, Thomas Tatschner, Edna Grünblatt, Volker ter Meulen, Peter Riederer, Eleni Koutsilieri (2005) Early impairment in dopaminergic neurotransmission in brains of SIV-infected rhesus monkeys due to microglia activation. *J Neurochem*, Vol 95: 377-387

- 938) M. Shamoto-Nagai¹, W. Maruyama¹, H. Yi², Y. Akao², F. Tribl³, M. Gerlach⁴, T. Osawa⁵, P. Riederer³ and M. Naoi² (2006). Neuromelanin induces oxidative stress in mitochondria through release of iron: mechanism behind the inhibition of 26S proteasome. *J Neural Transm*; 113:633-644
- 939) Baumann P, Ulrich S, Eckermann G, Gerlach M, Kuss HJ, Laux G, Muller-Oerlinghausen B, Rao ML, Riederer P, Zernig G, Hiemke C; Arbeitsgemeinschaft für Neuropsychopharmakologie und Pharmakopsychiatrie - Therapeutic Drug Monitoring group (2005). The AGNP-TDM Expert Group Consensus Guidelines: focus on therapeutic monitoring of antidepressants. *Dialogues Clin Neurosci*. 7:231-247
- 940) M. E. Götz^{1,2}, C. R. Malz³, A. Dirr¹, D. Blum¹, W. Gsell¹, S. Schmidt⁴, R. Burger¹, S. Pohli¹ and P. Riederer¹ (2005). Brain aging phenomena in migrating sockeye salmon *Oncorhynchus nerka nerka*. *J Neural Transm*, Vol 112, 9: 1177-1199
- 941) Eggert K.M., Deuschl G, Gasser T, Oertel W.H., Arnold G., Baas H., Dodel R., Mehdorn H.M., Przuntek W., Reichmann H., Riederer P., Spieker S., Trenkwalder C. (2005) Leitlinie Parkinson-Syndrome. Sonderauszugsausgabe aus: Leitlinien für Diagnostik und Therapie in der Neurologie. Eds: Diener H.C. und Kommission Leitlinien der DGN. 3., überarbeitet und erweiterte Auflage. Georg Thieme Verlag, Stuttgart, New York
- 942) Tribl F., Riederer P., Marcus K., Gerlach M. (2005) Neuromelanin-Granula. *Bioforum* 11:28-30
- 943) Lauer M, Johannes S, Fritzen S, Senitz D, Riederer P, Reif A. (2005) Morphological abnormalities in nitric-oxide-synthase-positive striatal interneurons of schizophrenic patients. *Neuropsychobiology*. 52(3):111-7
- 944) Zecca L, Berg D, Arzberger T, Ruprecht P, Rausch WD, Musicco M, Tampellini D, Riederer P, Gerlach M, Becker G (2005). In vivo detection of iron and neuromelanin by transcranial sonography: a new approach for early detection of substantia nigra damage. *Mov Disord.*; 20(10):1278-85
- 945) Riederer P., Burns S.W., Gerlach M. (2005) Parkinsonism & Related Disorders. Abstracts of the 16th Int. Congress on Parkinson's Disease and Related Disorders. June 5-9, 2005, Berlin. Suppl.2, Vol. 11
- 946) Berg D., Rieß O., Riederer P. (2005) Chapter 41: Pathophysiology-Biochemistry of PD in: Neurodegenerative Diseases: Neurobiology, Pathogenesis and Therapeutics, Cambridge University Press. 598-611
- 947) Graf M., Ecker D., Horowski R., Kramer B., Riederer P., Gerlach M., Hager C., Ludolph A.C. (2005) High dose vitamin E therapy in amyotrophic lateral sclerosis as add-on therapy to riluzole: results of a placebo-controlled double-blind study. *J Neural Transm*, 112:649-660
- 948) Mandel S., Grünblatt E., Riederer P., Amariglio N., Hirsch J.J., Rechavi G., Yourdim M.B.H. (2005) Gene Expression Profiling of Sporadic Parkinson's Disease Substantia Nigra Pars Compacta Reveals Impairment of Ubiquitin-Proteasome Subunits, SKP1A, Aldehyde Dehydrogenase and Chaperone HSC-70. *Ann NY Acad Sci*, 356-375

- 949) Reichmann H., Janetzky B., Riederer P. (2005). Kapitel 21: Dopamine and Glutamate in Parkinson's Disease. Biochemistry, Clinical Aspects and Treatment. In: Dopamine and Glutamate in Psychiatric Disorders. Eds: Schmidt W.J., Reith M.E.A. Humana Press Inc. New Jersey. pp: 503-522
- 950) Salkovic-Petricis M., Lackovic Z., Hoyer S., Riederer P. (2005) Central administration of alloxan impairs glucose tolerance in rats. *J Neural Transm*, 112:1391-1395
- 951) Lachenmayer L., Riederer P. (2005). Rasagilin. *Psychopharmakotherapie*, 12:210-214
- 951a) Hiemke C., Baumann P., Laux G., Kuss H.-J. (2005) Therapeutisches Drug-Monitoring in der Psychiatrie. Konsensus-Leitlinie der AGNP. *Psychopharmakoth* 12:5 166-182
- 951b) Sofic E, Rimpapa Z, Kundurovic Z, Sapcanin A, Tahirovic I, Rustembegovic A, Cao G. (2006) Antioxidant capacity of the neurohormone melatonin. *J Neural Transm*. 2005 Mar;112(3):349-58
- 951c) Gille G., Riederer P. (2005), Kapitel 18: Dopamine and Neurodegeneration. In: In: Dopamine and Glutamate in Psychiatric Disorders. Eds: Schmidt W.J., Reith M.E.A. Humana Press Inc. New Jersey. pp: 415-445
- 951d) Riederer P. (2005) Pathogenesis of Parkinson's disease, an update. 16th Int. Congress on Parkinson's Disease and Related Disorders. Global Experience Exchange Meeting on the Pathogenesis, Clinical Features, and treatment of Parkinson's Disease. *Excerpta Medica*. 1-2
- 951e) Morawski M., Meinecke Ch., Reinert T., Dörffel A.C., Riederer P., Arendt T., Butz T. (2005) Determination of trace elements in the human substantia nigra. *Nuclear Instruments and Methods in Physics Research B* 231. 224-228
- .
- .

2006

952) Harrer G., Danielczyk W., Riederer P. (2006) Walther Birkmayer, pp 9-18 in: *Nervenärzte 2, Biographien*. Eds: Hippus H., Holdorff B., Schliack H. Thieme Verlag Stuttgart, New York

953) Fedorow H, Halliday GM, Rickert CH, Gerlach M, Riederer P, Double KL. (2006) Evidence for specific phases in the development of human neuromelanin. *Neurobiol Aging*, 506–512

954) Tribl F., Riederer P., Double K.L., Gerlach M. (2006) Neuromelanin, ein Pigment mit unbekannter Funktion. *Neuroforum* 2/06, 190-196

955) Gerlach M., Double K.L., Götz M.E., Youdim M.B.H., Riederer P. (2006) The Role of Iron in the Pathogenesis of Parkinson's Disease. 125-149 in: *Metal Ions in Life Sciences. Neurodegenerative Diseases and Metal Ions*. Eds: Sigel A., Sigel H., Sigel R.K.O.; John Wiley&Sons Ltd, England. Vol. 1

956) Shamoto-Nagai M., Maruyama W., Yi H., Akao Y., Tribl F., Gerlach M., Osawa T., Riederer P., Naoi M. (2006) Neuromelanin induces oxidative stress in mitochondria through release of iron: mechanism behind the inhibition of 26S proteasome. *J Neural Transm* 113:633-644

957) Kornhuber J., Weigmann H., Röhriech J., Witlftang J., Bleich S., Meineke I., Zöchling R., Härtter S., Riederer P., Hiemke C. (2006) Region specific distribution of levomepromazine in the human brain. *J Neural Transm* 113: 387-397

958) a A, Bauer M, Heinsen H, Feiden W; The Consortium of Brainnet Europe II; Falkai P, Alafuzoff I, Arzberger T, Al-Sarraj S, Bell JE, Bogdanovic N, Bruck W, Budka H, Ferrer I, Giaccone G, Kovacs GG, Meyronet D, Palkovits M, Parchi P, Patsouris E, Ravid R, Reynolds R, Riederer P, Roggendorf W, Schwalber A, Seilhean D, Kretschmar H. (2006) How a neuropsychiatric brain bank should be run: a consensus paper of Brainnet Europe II. *J Neural Transm*. 2006 Dec 14;

959) Salkovic-Petrisic M., Tribl F., Schmidt M., Hoyer S., Riederer P. (2006) Alzheimer-like changes in protein kinase B and glycogen synthase kinase-3 in rat frontal cortex and hippocampus after damage to the insulin signalling pathway. *J Neurochem* 96: 1005-1015

960) Grünblatt E, Löffler C, Zehetmayer S, Jungwirth S, Tragl KH, Riederer P, Fischer P (2006) Association study of the 5-HTTLPR polymorphism and depression in 75-Year-Old nondemented subjects from the Vienna Transdanube Aging (VITA) study. *J Clin Psychiatry*. 2006 Sep;67(9):1373-8

961) Alafuzoff I, Pikkarainen M, Al-Sarraj S, Arzberger T, Bell J, Bodi I, Bogdanovic N, Budka H, Bugiani O, Ferrer I, Gelpi E, Giaccone G, Graeber MB, Hauw JJ, Kamphorst W, King A, Kopp N, Korkolopoulou P, Kovacs GG, Meyronet D, Parchi P, Patsouris E, Preusser

M, Ravid R, Roggendorf W, Seilhean D, Streichenberger N, Thal DR, Kretschmar H. (2006) Interlaboratory comparison of assessments of Alzheimer disease-related lesions: a study of the BrainNet Europe Consortium. *J Neuropathol Exp Neurol.* 2006 Aug;65(8):740-57

962) Riedel O, Dodel R., Spottke A., Deuschl G. Förstl H., Henn F., Heuser I., Oertel W., Reichmann H., Riederer P., Trenkwalder C., Wittchen H.-U. (2006) Wie beurteilen Ärzte die Häufigkeit demenzieller, depressiver und psychotischer Symptome bei Patienten mit der Parkinson-Krankheit? *Akt Neurol.* 33: 374-380

963) Yun SW, Gerlach M, Riederer P, Klein MA. (2006) Oxidative stress in the brain at early preclinical stages of mouse scrapie. *Exp Neurol.* 2006 Sep;201(1):90-8

964) Glatz DC, Rujescu D, Tang Y, Berendt FJ, Hartmann AM, Faltraco F, Rosenberg C, Hulette C, Jellinger K, Hampel H, Riederer P, Moller HJ, Andreadis A, Henkel K, Stamm S. (2006) The alternative splicing of tau exon 10 and its regulatory proteins CLK2 and TRA2-BETA1 changes in sporadic Alzheimer's disease. *J Neurochem.* 2006 Feb;96(3):635-44

965) Kornhuber J, Wiltfang J, Riederer P, Bleich S. (2006) Neuroleptic drugs in the human brain : Clinical impact of persistence and region-specific distribution. *Eur Arch Psychiatry Clin Neurosci.* 2006 Aug;256(5):274-80

966) Luckhaus C, Spiegler C, Ibach B, Fischer P, Wichart I, Sterba N, Gatterer G, Rainer M, Jungwirth S, Huber K, Tragl KH, Grunblatt E, Riederer P, Sand PG. (2006) Estrogen Receptor beta Gene (ESRbeta) 3'-UTR Variants in Alzheimer Disease. *Alzheimer Dis Assoc Disord.* 2006 October/December;20(4):322-323

967) Riederer P, Hoyer S. (2006) Editorial - 100 years of Alzheimer's disease. *J Neural Transm.* 2006 Nov;113(11):1595

968) Mössner R, Yun SW, Lesch KP, Gerlach M, Klein MA, Riederer P. (2006) Unaltered susceptibility to scrapie in serotonin transporter deficient mice. *Neurochem Int.* 49(5):454-8

969) Völkel W., Sicilia T., Pähler A., Gsell W., Tatschner T., Jellinger K., Leblhuber F., Riederer P., Lutz W.K., Götz M.E. (2006) Increased brain levels of 4-hydroxy-2-nonenal glutathione conjugates in severe Alzheimer's disease. *Neurochem Int.* 48: 679-686

970) Bancher C, Riederer PF. (2006) Kurt Jellinger An appreciation. *J Neural Transm.* 2006 Aug;113(8):957

971) Tribl F, Marcus K, Bringmann G, Meyer HE, Gerlach M, Riederer P. (2006) Proteomics of the human brain: sub-proteomes might hold the key to handle brain complexity. *J Neural Transm.* 2006 Aug;113(8):1041-54.

972) Riederer P, Hoyer S. (2006) From benefit to damage. Glutamate and advanced glycation end products in Alzheimer brain. *J Neural Transm.* 2006 Nov;113(11):1671-7

973) Youdim MB, Double KL, Gerlach M, Riederer P. (2006) Preface - special issue: neuromelanin. *J Neural Transm.* 2006 Jun;113(6):717-9

973a) Riederer P., Reichmann H., Youdim MBH., Gerlach M. (2006) Preface – Parkinson's Disease and Related Disorder. *J Neural Transm, Suppl* 70:V-VI

974) Riederer P, Fritze J, Maurer K, Deckert J. (2006) Prof. Dr. med. Helmut Beckmann, 22.05.1940-03.09.2006. *J Neural Transm.* 2006 Dec;113(12):1955-6

974a) Fritze J., Deckert J., Maurer K., Riederer P. (2006) Prof .Dr. med. Helmut Beckmann (Nachruf). *Psychoneuro* 32(10), 459-460.

975) Kornhuber J, Riederer P, Bleich S, Wiltfang J, Kraus T, Meineke I. (2006) Pharmacokinetic characterization of amantadine in human brain tissue. *Ther Drug Monit.* 2006 Oct;28(5):693-5

976) Dzierzega-Lecznar A, Kurkiewicz S, Stepien K, Chodurek E, Riederer P, Gerlach M. (2006) Structural investigations of neuromelanin by pyrolysis-gas chromatography/mass spectrometry. *J Neural Transm.* 2006 Jun;113(6):729-34

977) Fedorow H, Pickford R, Kettle E, Cartwright M, Halliday GM, Gerlach M, Riederer P, Garner B, Double KL. (2006) Investigation of the lipid component of neuromelanin. *J Neural Transm.* 2006 Jun;113(6):735-9

978) Tribl F, Marcus K, Meyer HE, Bringmann G, Gerlach M, Riederer P. (2006) Subcellular proteomics reveals neuromelanin granules to be a lysosome-related organelle. *J Neural Transm.* 2006 Jun;113(6):741-9

979) Grünblatt E, Hupp E, Bambula M, Zehetmayer S, Jungwirth S, Tragl KH, Fischer P, Riederer P. (2006) Association study of BDNF and CNTF polymorphism to depression in non-demented subjects of the "VITA" study. *J Affect Disord.*; 96(1-2):111-6.

980) Riederer P., Mehler-Wex C., Gerlach M. (2006) Biochemical Basis of Psychosis in Parkinson's Disease. In: *Mental Dysfunction in Parkinson's Disease III*. Eds: Wolters E., Berendse H.W., Stam C.J., University Press, Amsterdam. pp: 225-230

981) Maruyama W, Shamoto-Nagai M, Akao Y, Riederer P, Naoi M. (2006) The effect of neuromelanin on the proteasome activity in human dopaminergic SH-SY5Y cells. *J Neural Transm Suppl.* 2006;(70):125-32

981a) Sofic E., Sapcanin A., Tahirovic I., Gavrankapetanovic I., Jellinger K., Reynolds G.P., Tatschner T., Riederer P. (2006) Antioxidant capacity in post-mortem brain tissues of Parkinson's and Alzheimer's diseases. *J Neural Transm. Suppl* 71:39-43

- 981b) Scheller C., Riederer P., Gerlach M., Koutsilieri E. (2006) Apoptosis inhibition in T cells triggers the expression of proinflammatory cytokines – implications for the CNS. *J Neural Transm. Suppl.* 71:45-51
- 982) Hamacher M, Apweiler R, Arnold G, Becker A, Bluggel M, Carrette O, Colvis C, Dunn MJ, Frohlich T, Fountoulakis M, van Hall A, Herberg F, Ji J, Kretschmar H, Lewczuk P, Lubec G, Marcus K, Martens L, Palacios Bustamante N, Park YM, Pennington SR, Robben J, Stuhler K, Reidegeld KA, Riederer P, Rossier J, Sanchez JC, Schrader M, Stephan C, Tagle D, Thiele H, Wang J, Wiltfang J, Yoo JS, Zhang C, Klose J, Meyer HE. (2006) HUPO Brain Proteome Project: Summary of the pilot phase and introduction of a comprehensive data reprocessing strategy. *Proteomics.* 6 (20):5674
- 983) Gerlach M, Double KL, Youdim MB, Riederer P. (2006) Potential sources of increased iron in the substantia nigra of parkinsonian patients. *J Neural Transm Suppl.* (70):133-42
- 984) Grünblatt E, Koutsilieri E, Hoyer S, Riederer P. (2006) Gene expression alterations in brain areas of intracerebroventricular streptozotocin treated rat. *J Alzheimers Dis.,* 9(3):261-71
- 985) Riederer P. (2006) Editorial. *J Neural Transm.* 2006 Jul;113(7):785-786
- 986) Baumann P, Hiemke C, Ulrich S, Eckermann G, Kuss HL, Laux G, Müller-Oerlinghausen B, Rao ML, Riederer P, Zernig G; AGNP-TDM; Arbeitsgemeinschaft für Neuropsychopharmakologie und Pharmakopsychiatrie (AGNP) - Therapeutic Drug Monitoring (TDM). (2006) [Therapeutic drug monitoring (TDM) of psychotropic drugs: a consensus guideline of the AGNP-TDM group] *Rev Med Suisse.* 2006 May 24;2(67):1413-8, 1420-2, 1424-6
- 986a) Mehler-Wex C., Riederer P., Gerlach M. (2006) Dopaminergic dysbalance in distinct basal ganglia neurocircuits: Implications for the Pathophysiology of Parkinson's Disease, Schizophrenia and Attention Deficit Hyperactivity Disorder. *Neurotox Res,* 10(3,4), 167-179
- 986b) Tipton K., Parvez H., Riederer P. (2006) Preface Moussa Youdim – an appreciation. *J. Neural Transm Suppl* 71 : XI-XII

2007

987) Rainald Mössner, Peter Riederer (2007). Allelic variation of a functional promoter polymorphism of the serotonin transporter and depression in Parkinson's disease. *Parkinsonism Relat Disord.*;13(1):62.

988) Hoyer S, Riederer P. (2007) Alzheimer disease-no target for statin treatment. A mini review. *Neurochem Res.*;32(4-5):695-706.

989) Michel TM, Frangou S, Thiemeyer D, Camara S, Jecel J, Nara K, Brunklaus A, Zochling R, Riederer P. (2007) Evidence for oxidative stress in the frontal cortex in patients with recurrent depressive disorder-a postmortem study. *Psychiatry Res.*, 151; 145-150

990) Plochmann K, Korte G, Koutsilieri E, Richling E, Riederer P, Rethwilm A, Schreier P, Scheller C. (2007) Structure-activity relationships of flavonoid-induced cytotoxicity on human leukemia cells. *Arch Biochem Biophys.*;460(1):1-9.

991) Jacob CP, Koutsilieri E, Bartl J, Neuen-Jacob E, Arzberger T, Zander N, Ravid R, Roggendorf W, Riederer P, Grunblatt E. (2007) Alterations in expression of glutamatergic transporters and receptors in sporadic Alzheimer's disease. *J Alzheimers Dis.* 2007 Mar;11(1):97-116

992) Marziniak M, Mossner R, Kienzler C, Riederer P, Lesch KP, Sommer C. (2007) Functional polymorphisms of the 5-HT1A and 5-HT1B receptor are associated with clinical symptoms in migraineurs. *J Neural Transm.*; 114:1227-1232

993) Grünblatt E., Salkovic-Petrisic M. , Osmanovic J., Riederer P., Hoyer S. (2007) Brain insulin system dysfunction in streptozotocin intracerebroventricularly treated rats generates hyperphosphorylated tau protein. *J Neurochem*, 101: 757–770

994) Ulrich S., Hiemke C., Laux G., Müller-Oerlinghausen B, Havemann-Reinecke U., Riederer P., Zernig G., Baumann P., TDM group of the Arbeitsgemeinschaft Neuropsychopharmakologie und Pharmakopsychiatrie (AGNP) (2007). Value and Actuality of the Prescription Information for Therapeutic Drug Monitoring of Psychopharmaceuticals: A Comparison with the Medico-Scientific Evidence. *Pharmacopsychiatry* ; 40: 121-127

995) Depboylu C., Matusch A., Tribl F., Zoriy M., Michel P.P., Riederer P., Gerlach M., Becker S., Oertel W.H., Höglinger G.U. (2007). Glia Protects Neurons against Extracellular Human Neuromelanin. *Neurodegenerative Diseases*. 4:218-226

996) Tahirovic I, Sofic E., Sapcanin A., Gavrankapetanovic I., Bach-Rojecky L., Salkovic-Petrisic M., Lackovic Z., Hoyer S., Riederer P. (2007). Reduced Brain Antioxidant Capacity in Rat Models of Betacytotoxic-Induced Experimental Sporadic Alzheimer's Disease and Diabetes Mellitus. *Neurochem Res.*, 32 (10):1709-1717

997) Yun S.-W., Kouznetsova E., Nitschke C., Heinitz K., Schliebs R., Gerlach M., Riederer P., Klein M.A. (2007). β -Amyloid deposition and prion infection in adult primary brain cell

long-term culture model. *Biochem and Biophysical Res Communications*. 360 (3):520-524

998) Arendt G, Nolting T, Frisch C, Husstedt IW, Gregor N, Koutsilieri E, Maschke M, Angerer A, Obermann M, Neuen-Jacob E, Adams O, Loeffert S, Riederer P, ter Meulen V, Sopper S; German Competence Network HIV/AIDS (2007). Intrathecal viral replication and cerebral deficits in different stages of human immunodeficiency virus disease. *J Neurovirol.*; 13(3):225-32

999) Mössner R, Mikova O, Koutsilieri E, Saoud M, Ehlis AC, Müller N, Fallgatter AJ, Riederer P. (2007). Consensus paper of the WFSBP Task Force on Biological Markers: biological markers in depression. *World J Biol Psychiatry*. 2007;8(3):141-74.

1000) Shamoto-Nagai M, Maruyama W, Hashizume Y, Yoshida M, Osawa T, Riederer P, Naoi M. (2007). In parkinsonian substantia nigra, alpha-synuclein is modified by acrolein, a lipid-peroxidation product, and accumulates in the dopamine neurons with inhibition of proteasome activity. *J Neural Transm*.114(12):1559-67

1001) Yun SW, Ertmer A, Flechsig E, Gilch S, Riederer P, Gerlach M, Schätzl HM, Klein MA. (2007). The tyrosine kinase inhibitor imatinib mesylate delays prion neuroinvasion by inhibiting prion propagation in the periphery. *J Neurovirol.*;13(4):328-37

1002) Moser D, Molitor A, Kumsta R, Tatschner T, Riederer P, Meyer J. (2007). The glucocorticoid receptor gene exon 1-F promoter is not methylated at the NGFI-A binding site in human hippocampus. *World J Biol Psychiatry.*;8(4):262-8.

1003) Riederer P, Gerlach M, Müller T, Reichmann H. (2007). Relating mode of action to clinical practice: Dopaminergic agents in Parkinson's disease. *Parkinsonism Relat Disord.*;13(8):466-79.

1004) Nummer nicht vergeben!

1005) Tribl F, Arzberger T, Riederer P, Gerlach M. (2007). Tyrosinase is not detected in human catecholaminergic neurons by immunohistochemistry and Western blot analysis. *J Neural Transm Suppl.*;(72):51-5.

1006) Fischer P, Krampla W, Mostafaie N, Zehetmayer S, Rainer M, Jungwirth S, Huber K, Bauer K, Hruby W, Riederer P, Tragl KH. (2007). VITA study: white matter hyperintensities of vascular and degenerative origin in the elderly. *J Neural Transm Suppl.*;(72):181-8

1007) Tahirovic I, Sofic E, Sapcanin A, Gavrankapetanovic I, Bach-Rojecky L, Salkovic-Petrisic M, Lackovic Z, Hoyer S, Riederer P. (2007). Brain antioxidant capacity in rat models of betacytotoxic-induced experimental sporadic Alzheimer's disease and diabetes mellitus. *J Neural Transm Suppl.*;(72):235-40

1008) Pfuhlmann B, Gerlach M, Burger R, Gonska S, Unterecker S, Jabs B, Riederer P, Deckert J. (2007). Therapeutic drug monitoring of tricyclic antidepressants in everyday clinical practice. *J Neural Transm Suppl.*;(72):287-96.

1009) Kneitz S, Meisner F, Sopper S, Kaiser F, Grünblatt E, Scheller C, Riederer P, ter Meulen V, Koutsilieri E. (2007). Biostatistical analysis of gene microarrays reveals diverse expression clusters between macaque subspecies in brain SIV infection. *J Neural Transm Suppl.*;(72):317-22

1010) Grünblatt E, Zander N, Bartl J, Monoranu CM, Arzberger T, Ravid R, Roggendorf W, Gerlach M, Riederer P. (2007). Comparison Analysis of Gene Expression Patterns between Sporadic Alzheimer's and Parkinson's Disease. *Journal of Alzheimer's Disease*; 12:291-311 + suppl. 12:S1-S40

1011) Koutsilieri E and Riederer P. (2007) Excitotoxicity and new antigitamatergic strategies in Parkinson's disease and Alzheimer's disease. *Parkinsonsims Relat Disord*. 13 Suppl 3: S329-31.

1012) Riederer P. (2007). 30 Jahre Parkinsonforschung – Ergebnisse und Zukunftserwartung. *Neuro Aktuell*.; 16/2007:10-14

1013) Schmitt A, Bauer M, Heinsen H, Feiden W; Consortium of Brainnet Europe II, Falkei P, Alafuzoff I, Arzberger T, Al-Sarraj S, Bell JE, Bogdanovic N, Brück W, Budka H, Ferrer I, Giaccone G, Kovacs GG, Meyronet D, Palkovits M, Parchi P, Patsouris E, Ravid R, Reynolds R, Riederer P, Roggendorf W, Schwalber A, Seilhean D, Kretschmar H. (2007) How a neuropsychiatric brain bank should be run: a consensus paper of Brainnet Europe II. *J. Neural Transm.*;114(5):527-37

1014) Berg D., Krüger R, Rieß O, Riederer P. Parkinson's Disease. In "Handbook of Neurochemistry and Molecular Neurobiology", 3rd Edition, Degenerative Disease of the Nervous System. Youdim MBH, Riederer P, Mandel SA, Battistin L, Volume Editors; 2007, Springer, Berlin, Heidelberg:2-19

1015) Krüger R, Berg D, Rieß, Riederer P. Update on Parkinson's Disease Genetics. In "Handbook of Neurochemistry and Molecular Neurobiology", 3rd Edition, Degenerative Disease of the Nervous System. Youdim MBH, Riederer P, Mandel SA, Battistin L, Volume Editors; 2007, Springer, Berlin, Heidelberg:32-43

1016) Weinreb O, Amit T, Grünblatt E, Riederer P, Youdim M, Mandel S. Gene and Protein Expression Profiling in Parkinson's Disease: Quest for Neuroprotective Drugs. In "Handbook of Neurochemistry and Molecular Neurobiology", 3rd Edition, Degenerative Disease of the Nervous System. Youdim MBH, Riederer P, Mandel SA, Battistin L, Volume Editors; 2007, Springer, Berlin, Heidelberg:62-76

1017) Koutsilieri E, Arendt G, Neuen-Jacob E, Scheller C, Grünblatt E, Riederer P. HIV Dementia: A Neurodegenerative Disorder with Viral Etiology. In "Handbook of Neurochemistry and Molecular Neurobiology", 3rd Edition, Degenerative Disease of the Nervous System. Youdim MBH, Riederer P, Mandel SA, Battistin L, Volume Editors; 2007, Springer, Berlin, Heidelberg:360-371

1018) Youdim MBH and Riederer P. Monoamine oxidase A and B inhibitors in Parkinson's disease. In "Handbook of Clinical Neurology", Vol. 84 (3rd series) Parkinson's disease and related disorders, Part II, Koller WC, Melamed E. Editors; 2007, Elsevier B.V., Edinburgh, London, New York: 93-120

1019) Gerlach M., Hendrich A., Rueber R., Jost W., Riederer P., Winkler J., Woitalla D.
(2007) Potenzielle Biomarker der Parkinsonkrankheit (Potential Biomarkers of Parkinson's
Disease). *Akt Neurol*; 34: S28-S30

2008

1020) Meisner F, Neuen-Jacob E, Sopper S, Schmidt M, Schlamme S, Scheller C, Vosswinkel D, Ter Meulen V, Riederer P, Koutsilieri E. (2008). Disruption of excitatory amino acid transporters in brains of SIV-infected rhesus macaques is associated with microglia activation. *J. Neurochem.*; 104(1):202-9

1021) Riederer P, Müller WE, Eckert A, Thome J. Störungen der Neurotransmission und Signaltransduktion als Grundlage psychischer Erkrankungen. In „Psychiatrie und Psychotherapie“, 3 Auflage, Band 1, Allgemeine Psychiatrie, Möller HJ, Laux G, Kapfhammer HP; 2008, Springer, Berlin, Heidelberg: 157-183

1022) Palm F., Mössner R., Chen Y., He L., Gerlach M., Bischofs S., Riederer P., Lesch K.-P., Sommer C. (2008). Reduced thermal hyperalgesia and enhanced peripheral nerve injury after hind paw inflammation in mice lacking the serotonin-transporter. *European J Pain.* 12: 790-797

1023) Riedel O., Klotsche J., Spottke A., Deuschl G., Förstl H., Henn F., Heuser I., Oertel W., Reichmann H., Riederer P., Trenkwalder C., Dodel R., Wittchen H.-U. (2008) Cognitive impairment in 873 patients with idiopathic Parkinson's disease. *J Neurol.* 1432-1459

1024) Kirschbaum K., Finger S., Vogel F., Burger R., Gerlach M., Riederer P., Hiemke C. (2008) LC with Column-Switching and Spectrophotometric Detection for Determination of Risperidone and 9-Hydroxyrisperidone in Human Serum. *Chromatographia* (67), No. 34. 321-324

1025) Gerlach M., Hendrich A., Hueber R., Joste W., Winkler J., Voitalla D., Riederer P. (2008) Early Detection of Parkinson's Disease: Unmet Needs. *Neurodegenerative Dis*; 5:137-139

1026) Bell J.E., Alafuzoff I., Al-Sarraj S, Arzberger T., Bogdanovic N, Budka H., Dexter D.T., Falkai P., Ferrer I, Gelpi El, et al. (2008) Management of a twenty-first century brain bank: experience in the BrainNet Europe consortium. *Acta Neuropathol*, 115: 497-507

1027) Meisner F, Scheller C, Kneitz S, Sopper S, Neuen-Jacob E, Riederer P, Meulen VT, Koutsilieri E. (2008). Memantine Upregulates BDNF and Prevents Dopamine Deficits in SIV-Infected Macaques: A Novel Pharmacological Action of Memantine. *Neuropsychopharmacology.*; 33(9):2228-36

1028) Michel T., Frangou S., Camara S., Thiemeyer D., Jecel J., Tatschner T., Zöchling R., Grünblatt E. (2008) Altered glial cell line-derived neurotrophic factor (GDNF) concentrations in the brain of patients with depressive disorder: A comparative post-mortem study. *European Psychiatry.* 23:413-420

- 1029) Sapcanin A., Sofic E., Tahirovic I., Salkovic-Petrisic M., Hoyer S., Riederer P. (2008) Antioxidant Capacity in Rat Brain After ICV Treatment with Streptozotocin and Alloxan – a preliminary study. *Neurotox. Res.* 13 (2): 1-8
- 1030) Riederer P., Youdim M.B.H., Mandel S., Gerlach M., Grünblatt E. (2008) Genomic aspects of sporadic Parkinson's disease. *Parkinsonism and Rel Disord.* 14, 88-91
- 1031) Schmidt W.J., Lebsanft H., Heindl M., Gerlach M., Grünblatt E., Riederer P., Mayerhofer A., Scheller D.K.A. (2008) Continuous versus pulsatile administration of rotigotine in 6-OHDA-lesioned rats: contralateral rotations and abnormal involuntary movements. *J Neural Transm.* 115:1385-1392
- 1032) Naoi M., Maruyama W., Yi H., Yamaoka Y., Shamotot-Nagai M., Akao Y., Gerlach M., Tanaka M., Riederer P. (2008) Neuromelanin selectively induces apoptosis in dopaminergic SH-SY5Y cells by deglutathionylation in mitochondria: involvement of the protein and melanin component. *J of Neurochem.* 105:2489-2500
- 1033) Biskup S., Gerlach M., Kupsch A., Reichmann H., Riederer P., Vieregge P., Wüllner U., Gasser T. (2008) Genes associated with Parkinson syndrome. *J Neurol.* 255 Suppl 5:8-17
- 1034) Popov A.V., Peresleni A.I., Savvateeva-Popova E.V., Riederer P. (2008) Effect of Mutation-Induced Excess Brain Concentration of Intermediates of the Kynurenine Pathway of Tryptophan Metabolism on Stress Resistance and Courtship Behavior and Communicative Sound Production in Male *Drosophila melanogaster*. *Russian J of Genetics.* Vol. 44, 9:55-63
- 1035) Fric M., Pfuhlmann B., Laux G., Riederer P., Distler G., Artmann A., Wohlschläger M., Liebmann M., Deckert J. (2008) The influence of Smoking on the Serum Level of Duloxetine. *Pharmacopsychiatry.* 41(4):151-5
- 1036) Pieper H.,C., Evert B.O., Kaut Ol, Riederer P., Waha A., Wüllner U. (2008) Different methylation of the TNF-alpha promoter in cortex and substantia nigra: Implications for selective neuronal vulnerability. *Neurobiol of Dis.* 32:521-527
- 1037) Gerlach M., Riederer P., Double K.L. (2008) Neuromelanin-bound ferric iron as an experimental model of dopaminergic neurodegeneration in Parkinson's disease. *Parkinsonism and Rel Dis* 14:185-188
- 1038) Savvateeva-Popova E., Popov A., Grossman A., Nikitina E., Medvedeva A., Molotkov D., Kamyshev N., Pyatkov K., Zatsepina O., Schostak N., Zelentsova E., Pavlova G., Panteleev D., Riederer P., Evgen'ev M. (2008) Non-coding RNA as a trigger of neuropathologic disorder phenotypes in transgenic *Drosophila*. *J Neural Transm* 115:1629-1642
- 1039) Meisner, F., Scheller, C., Kneitz, S., Sopper, S., Neuen-Jacob, E., Riederer, P., ter Meulen, V., Koutsilieri, E. and German Competence Network, H. A. (2008). "Memantine upregulates BDNF and prevents dopamine deficits in SIV-infected macaques: a novel pharmacological action of memantine." *Neuropsychopharmacology.* 33(9): 2228-36.

2009

1040) Grünblatt E., Zehetmayer S., Bartl J., Löffler C., Wichart II, Rainer M.K., Jungwirth S., Bauer P., Danielczyk W., Tragl K.-H., Riederer P., Fischer P. (2009) Genetic risk factors and markers for Alzheimer's disease and/or depression in the VITA study. *J Psychiatr. Res.* 43:298-308.

1041) Riederer P und Burger R. (2009) Ist Schokolade ein Psychopharmakon? Die Rolle von β -Phenylethylamin als Psychostimulus. *PPT, Heft 1; 26-31*

1042) K.L. Double, D.B. Rowe^b, F.M. Carew-Jones^a, M. Hayes^c, D.K.Y. Chan^d, J. Blackie^c, A. Corbett^c, R. Joffe^b, V.S. Fung^f, J. Morris^f, P. Riederer^g, M. Gerlach^h and G.M. Halliday^a (2009) Anti-melanin antibodies are increased in sera in Parkinson's disease. *Experimental Neurology*, Vol. 217, Issue 2, 297-301

1043) Grünblatt E, Monoranu CM, Apfelbacher M, Keller D, Michel TM, Alafuzoff I, Ferrer I, Al-Saraj S, Keyvani K, Schmitt A, Falkai P, Schittenhelm J, McLean C, Halliday GM, Harper C, Deckert J, Roggendorf W, Riederer P. (2009) Tryptophan is a marker of human postmortem brain tissue quality. *J Neurochem.*, 110:1400-1408

1044) Pfuhlmann B, Hiemke C, Unterecker S, Burger R, Schmidtke A, Riederer P, Deckert J, Jabs B. (2009) Toxic clozapine serum levels during inflammatory reactions. *J Clin Psychopharmacol.* 29(4):392-4

1045) Stöber G., Ben-Shachar D., Cardon M., Falkai P., Fonteh A.N., Gawlik M., Glenthøj B.Y., Grünblatt E., Jablensky A., Kim Y.-K., Kornhuber J., McNeil T.F., Müller N., Oranje B. Saito T., Saoud M., Schmitt A., Schwartz M., Thome J., Uzbekov M., Durany N., Riederer P. (2009). Schizophrenia: From the brain to peripheral markers. A consensus paper of the WFSBP task force on biological markers. *WJBP* 10(2): 127-155

1046) Grünblatt E, Bartl J, Zehetmayer S, Ringel TM, Bauer P, Riederer P, Jacob CP.(2009) Gene expression as peripheral biomarkers for sporadic Alzheimer's disease. *J Alzheimers Dis.* 16(3):627-34.

1047) Monoranu CM, Apfelbacher M, Grünblatt E, Puppe B, Alafuzoff I, Ferrer I, Al-Saraj S, Keyvani K, Schmitt A, Falkai P, Schittenhelm J, Halliday G, Kril J, Harper C, McLean C, Riederer P, Roggendorf W.(2009) pH measurement as quality control on human post mortem brain tissue: a study of the BrainNet Europe consortium. *Neuropathol Appl Neurobiol.* 35(3):329-37

1048) Riederer P. (2009) Letter to the editor. *World J Biol Psychiatry*; 10(3): 254

1049) Tribl F, Asan E, Arzberger T, Tatschner T, Langenfeld E, Meyer HE, Bringmann G, Riederer P, Gerlach M, Marcus K. (2009) Identification of L-ferritin in neuromelanin

granules of the human substantia nigra: a targeted proteomics approach. *Mol Cell Proteomics*. 8(8):1832-8.

1050) Riederer P., Hoyer S. (2009) Neurodegeneration and Its Prevention. *Encyclopedia of Psychopharmacology*

1051) Salkovic-Petrisic M, Osmanovic J, Grünblatt E, Riederer P, Hoyer S. (2009) Modeling Sporadic Alzheimer's Disease: The Insulin Resistant Brain State Generates Multiple Long-Term Morphobiological Abnormalities Inclusive Hyperphosphorylated Tau Protein and Amyloid-beta. A Synthesis. *J Alzheimers Dis*. 18:729-750

1052) Lacković Z, Rebić V, Riederer PF. (2009) Single intracerebroventricular injection of botulinum toxin type A produces slow onset and long-term memory impairment in rats. *J Neural Transm*. 116(10):1273-80

1053) Plaschke K, Kopitz J, Siegelin M, Schliebs R, Salkovic-Petrisic M, Riederer P, Hoyer S. (2009) Insulin-Resistant Brain State after Intracerebroventricular Streptozotocin Injection Deteriorates Alzheimer-like Changes in Tg2576 AbetaPP-Overexpressing Mice. *J Alzheimers Dis*. Vol 19, Nr. 2

2010

1054) Riedel O., Klotsche J., Spottke An., Deuschl G., Förstl. H., Henn F., Heuser I., Oertel W., Reichmann H., Riederer P., Trenkwalder C., Dodel R., Wittchen H.-U. (2010). Frequency of dementia, depression, and other neuropsychiatric symptoms in 1,499 outpatients with Parkinson's disease. *J Neurol* 257:1073-1082.

1055) Osmanovic J., Plaschke K., Salkovic M., Grünblatt E., Riederer P., Hoyer S. (2010) Chronic exogenous corticosterone administration generates an insulin-resistant brain state in rats. *Stress* 13(2): 123-131.

1056) Grünblatt E., Proft F., Apfelbacher M., Deckert J., Roggendorf W., Riederer P., Monoranu C. (2010) Brain tryptophan rather than pH-value is altered as consequence of artificial postmortem interval and storage conditions. *Neurochem Int.*;57(7):819-22. Epub 2010 Sep 15.

1057) Van Deerlin V., Sleiman P., Martinze-Lage M. et al. (2010). Common variants at 7p21 are associated with fronto-temporal lobar degeneration with TDP-43 inclusions. *Nature genetics*. 42(3):234-9.

1058) Monoranu C, Grünblatt E, Bartl J, Meyer A, Apfelbacher M, Keller D, Michel T, Al-Saraj S, Schmitt A, Falkai P, Roggendorf W, Deckert J, Ferrer I, Riederer P (2010) Methyl- and acetyltransferases are stable epigenetic markers postmortem. *Cell Tissue Bank*, Published online

1059) Michel T, Sheldrick AJ, Camara S, Grünblatt E, Schnieder F, Riederer P (2010) Alteration of the pro-oxidant xanthine oxidase (XO) in the thalamus and occipital cortex of patients with schizophrenia. *World J Biol Psych*. 00:1-10

1060) Michel T, Gsell W, Käsbauer L, Tatschner T, Sheldrick AJ, Neuner I, Schneider F, Grünblatt E, Riederer P (2010). Increased Mitochondrial Aldehydedehydrogenase in the putamen of individuals with Alzheimer's disease. *J Alzh Disease*. 19:1295-1301.

1061) Michel T, Gsell W, Geuder J, Frangou S, Durnay N, Kircher T, Sheldrick AJ, Tatschner T, Schneider F, Riederer P, Grünblatt E (2010) Can enzyme kinetics of prooxidants teach us a lesson about the treatment of Alzheimer's disease: A pilot post-mortem study. *World J Biol Psych*. 11:677-681.

1062) Michel T., Camara S., Tatschner T., Frangou S., Sheldrick A.J., Riederer P., Grünblatt E. (2010) Increased xanthine oxidase in the thalamus and putamen in depression. *World J of Biol Psych*. 11(2 Pt 2):314-20

1063) Grünblatt E., Schmidt WJ, Scheller DK, Riederer P, Gerlach M (2010) Transcriptional alterations under continuous or pulsatile dopaminergic treatment. *J Neural Transm*. 2011 Dec;118(12):1717-25. Epub 2010

1064) Riederer P, Deckert J, Cervos-Navarro J, Nuria Durany i Pich (1961-2010) OBITUARY. *J Neural Transm* 117:1335-1335.

1065) Reif A, Grünblatt E, Herterich S, Wichart I, Rainer MK, Jungwirth S, Danielczyk W, Deckert J, Tragl KH, Riederer P, Fischer P (2010) Association of a Functional NOS1 Promoter Repeat with Alzheimer's Disease in the VITA Cohort. *J Alzheimers Dis.* 23(2):327-33

1066) Grünblatt E, Zehetmayer S, Jacob CP, Müller T, Jot WH, Riederer P (2010) Pilot study: peripheral biomarkers for diagnosing sporadic Parkinson's disease. *J Neural Trans.* 117(12):1387-93

1067) Berg D, Godau J, Riederer P, Gerlach M, Arzberger T (2010) Microglia activation is related to substantia nigra echogenicity. *J Neural Transm.* 117(11):1287-92

1068) Reichmann H, Deuschl G, Riedel O, Spottke A, Förstl H, Henn F, Heuser I, Oertel W, Riederer P, Trenkwalder C, Dodel R, Wittchen HU (2010). The German Study on the Epidemiology of Parkinson's Disease with Dementia (GEPAD): more than Parkinson. *MMW Fortschr. Med.* 152 Suppl 1:1-6

1069) Zheng B., Liao Z, Locascio JJ, Lesniak KA, Roderick SS, Watt ML, Eklund AC, Zhang-James Y, Kim PD, Hauser MA, Grünblatt E, Moran LB, Mandel SA, Riederer P, Miller RM, Federoff HJ, Wüllner U, Papapetropoulos S, Youdim MB, Cantuti-Castelvetri I, Young AB, Vance JM, Davis RL, Hedreen JC, Adler CH, Beach TG, Graeber MB, Middleton FA, Rochet JC, Scherzer CR, Global PD Gene Expression (GPEX) Consortium. PGC-1a, A Potential Therapeutic Target for Early Intervention in Parkinson's Disease. *Sci Transl Med.* 2(52):52ra73

1070) Grünblatt E, Bartl J, Riederer P (2010). The link between iron, metabolic syndrome, and Alzheimer's disease. *J Neural Transm.* Published online

1071) Scheller C., Arendt G., Nolting T., Antke C, Sopper S., Maschke M., Obermann M., Angerer A., Husstedt IW, Meisner F, Neuen-Jacob E., Müller HW, Carey P., ter Meulen V, Riederer P., Koutsilieri E (2010). Increased dopaminergic neurotransmission in therapy-naïve asymptomatic HIV patients is not associated with adaptive changes at the dopaminergic synapses. *J Neural Trans.* 117(6):699-705

1072) Double KL, Halliday GM, Dunkley PR, Dickson PW, Gerlach M, Riederer P (2010). Pigmentation in the human brain and risk of Parkinson's disease. *Ann Neurol.* 67(4):553-4

1073) Riederer P. (2010) A tribute to Professor Dr. Med. Dipl. Psych. Andreas Warnke. *J Neural Transm.* 117(5):545

1074) Kabussek J., Büttner T, Reichmann H, Riederer P, Schulz JB, Wüllner U, Csoti I (2010) Stellenwert von MAO-B-Inhibitoren und NMDA-Antagonisten in der Therapie des

Morbus Parkinson. On the Role of MAO B Inhibitors and NMDA Antagonists in the Therapy of Parkinson's Disease. *Fortschr Neurol Psychiat* 78 (Suppl 1):S34-S36

1075) Salkovic-Petrisic M., Riederer P (2010) Brain glucose transporter protein 2 and sporadic Alzheimer's Disease. *Translat Neurosc* 1(3)

1076) Plaschke K, Kopitz J, Siegelin M, Schliebs R, Salkovic-Petrisic M, Riederer P, Hoyer S. (2010) Insulin-resistant brain state after intracerebroventricular streptozotocin injection exacerbates Alzheimer-like changes in Tg2576 AbetaPP-overexpressing mice. *J Alzheimers Dis.* 19(2):691-704.

1077) Bartl J, Link P, Schlosser C, Gerlach M, Schmitt A, Walitza S, Riederer P, Grünblatt E. (2010) Effects of methylphenidate: the cellular point of view. *Atten Defic Hyperact Disord.*;2(4):225-32. Epub 2010 Nov 10.

1078) Riedel O, Heuser I, Klotsche J, Dodel R, Wittchen HU; GEPAD Study Group. (2010) Occurrence risk and structure of depression in Parkinson disease with and without dementia: results from the GEPAD Study. *J Geriatr Psychiatry Neurol.* 2010 Mar;23(1):27-34. Epub 2009 Dec 30.

1079) Benninghoff J, Gritti A, Rizzi M, Lamorte G, Schloesser RJ, Schmitt A, Robel S, Genius J, Moessner R, Riederer P, Manji HK, Grunze H, Rujescu D, Moeller HJ, Lesch KP, Vescovi AL. (2010) Serotonin depletion hampers survival and proliferation in neurospheres derived from adult neural stem cells. *Neuropsychopharmacology.* 2010 Mar;35(4):893-903. Epub 2009 Dec 9.

2011

1080) Riederer P, Bartl J, Laux G, Grünblatt E (2011) Diabetes type II: a risk factor for depression-Parkinson-Alzheimer? *Neurotox Res.* 19(2):253-65.

1081) Grünblatt E, Bartl J, Riederer P. (2011) The link between iron, metabolic syndrome, and Alzheimer's disease. *J Neural Transm.* 118(3):371-9.

1082) Ihl R, Frölich L, Winblad B, Schneider L, Burns A, Möller HJ; WFSBP Task Force on Treatment Guidelines for Alzheimer's Disease and other Dementias. Winblad B, Schneider L, Burns A, Frölich L, Ihl R, Möller HJ, Blesa R, Brodaty H, Dartigues JF, Degrell I, DeKosky S, Endo H, Erkinjuntti T, Förstl H, Frisoni G, Gauthier S, Giacobini E, Gomez-Isla T, Gottfries CG, Grundman M, Han C, Hock C, Marksteiner J, Masters C, McKeith I, Olofsdottir M, Orgogozo JM, Rainer M, Reisberg B, Riederer P, Rossor M, Saletu B, Salmon E, Sunderland T, Takeda M, Vellas B, Verhey F, Waldemar G, Whitehouse P. (2011) World Federation of Societies of Biological Psychiatry (WFSBP) guidelines for the biological treatment of Alzheimer's disease and other dementias. *World J Biol Psychiatry.* 12(1):2-32.

1083) Melita Salkovic-Petrisic, Jelena Osmanovic-Barilar, Martina K. Brückner, Siegfried Hoyer, Thomas Arendt, Peter Riederer. (2011) Cerebral amyloid angiopathy in streptozotocin rat model of sporadic Alzheimer's disease: a long-term follow up study. *J Neural Transm.* 118:765–772

1084) Peter F. Riederer and Melita Salkovic-Petrisic (2011) Siegfried Hoyer - Field Editor of the JNT section "dementias" from 1996 to 2010. *J Neural Transm* (2011) 118:1–2

1085) Grünblatt E, Reif A, Jungwirth S, Galimberti D, Weber H, Scarpini E, Sauer C, Wichart I, Rainer MK, Huber K, Danielczyk W, Tragl KH, Deckert J, Fischer P, Riederer P. (2011) Genetic variation in the choline O-acetyltransferase gene in depression and Alzheimer's disease: The VITA and Milano studies. *J Psychiatr Res.*; Vol 45, (9):1250-1256

1086) Reif A, Grünblatt E, Herterich S, Wichart I, Rainer MK, Jungwirth S, Danielczyk W, Deckert J, Tragl KH, Riederer P, Fischer P. (2011) Association of a functional NOS1 promoter repeat with Alzheimer's disease in the VITA cohort. *J Alzheimers Dis.*;23(2):327-33.

1087) Giaccone G, Arzberger T, Alafuzoff I, Al-Sarraj S, Budka H, Duyckaerts C, Falkai P, Ferrer I, Ironside JW, Kovács GG, Meyronet D, Parchi P, Patsouris E, Revesz T, Riederer P, Rozemuller A, Schmitt A, Winblad B, Kretschmar H; BrainNet Europe consortium. (2011) New lexicon and criteria for the diagnosis of Alzheimer's disease. *Lancet Neurol.* 10(4):298-9; author reply 300-1.

1088) Riederer P., Müller W.E., Eckert A., Thome J. (2011) Störungen der Neurotransmission und Signaltransduktion als Grundlage psychischer Erkrankungen. In: Psychiatrie, Psychosomatik, Psychotherapie. 4. Auflage, Band 2: Allgemeine Psychiatrie. eds: H.-J. Möller, G. Laux, H.-P. Kapfhammer. Springer-Verlag Berlin, Heidelberg. 217-250

1089) Sian-Hülsmann J, Mandel S., Youdim MBH, Riederer P. (2011) The relevance of iron in the pathogenesis of Parkinson's disease. *J Neurochem.*;118(6):939-57. doi: 10.1111/j.1471-4159.2010.07132.x. Epub 2011 Jan 31.

1090) Riedel O, Dodel R, Deuschl G, Klotsche J, Förstl H, Heuser I, Oertel W, Reichmann H, Riederer P, Trenkwalder C, Wittchen HU. (2011) Depression and care-dependency in Parkinson's disease: Results from a nationwide study of 1449 outpatients. *Parkinsonism Relat Disord.* 2011 Nov 23. [Epub ahead of print]

1091) Riederer P, Laux G. (2011) MAO-inhibitors in Parkinson's Disease. *Exp Neurol.*;20(1):1-17. Epub 2011 Mar 31.

1092) Bartl J, Scholz CJ, Hinterberger M, Jungwirth S, Wichart I, Rainer MK, Kneitz S, Danielczyk W, Tragl KH, Fischer P, Riederer P, Grünblatt E. (2011) Disorder-specific effects of polymorphisms at opposing ends of the Insulin Degrading Enzyme gene. *BMC Med Genet.*;12:151.

1093) Oberländer U, Pletinckx K, Döhler A, Müller N, Lutz MB, Arzberger T, Riederer P, Gerlach M, Koutsilieri E, Scheller C. (2011) Neuromelanin is an immune stimulator for dendritic cells in vitro. *BMC Neurosci.*;12:116.

1094) Hiemke C, Baumann P, Bergemann N, Conca A, Dietmaier O, Egberts K, Fric M, Gerlach M, Greiner C, Gründer G, Haen E, Havemann-Reinecke U, Jaquenoud Sirot E, Kirchherr H, Laux G, Lutz UC, Messer T, Müller MJ, Pfuhlmann B, Rambeck B, Riederer P, Schoppek B, Stingl J, Uhr M, Ulrich S, Waschgler R, Zernig G. (2011) AGNP consensus guidelines for therapeutic drug monitoring in psychiatry: update 2011. *Pharmacopsychiatry.*;44(6):195-235.

1095) Weinreb O, Amit T, Riederer P, Youdim MB, Mandel SA. (2011) Neuroprotective profile of the multitarget drug rasagiline in Parkinson's disease. *Int Rev Neurobiol.*;100:127-49.

1096) Schulz JB, Gerlach M, Gille G, Kuhn W, Müngersdorf M, Riederer P, Südmeyer M, Ludolph A. (2011) Basic science in Parkinson's disease: its impact on clinical practice. *J Neurol.*;258(Suppl 2):S299-306.

1097) Marksteiner J, Riederer P. (2011) Prof. Dr. Kurt Jellinger: an appreciation on the occasion of his anniversary. *J Neural Transm.*;118(5):651.

1098) Riedel O, Dodel R, Deuschl G, Förstl H, Henn F, Heuser I, Oertel W, Reichmann H, Riederer P, Trenkwalder C, Wittchen HU. (2011) [Dementia and depression determine care dependency in Parkinson's disease: analysis of 1,449 outpatients receiving nursing care in Germany]. *Nervenarzt.*;82(8):1012-9.
[Article in German]

1099) Chen-Plotkin AS, Martinez-Lage M, Sleiman PM, Hu W, Greene R, Wood EM, Bing S, Grossman M, Schellenberg GD, Hatanpaa KJ, Weiner MF, White CL 3rd, Brooks WS, Halliday GM, Kril JJ, Gearing M, Beach TG, Graff-Radford NR, Dickson DW, Rademakers R, Boeve BF, Pickering-Brown SM, Snowden J, van Swieten JC, Heutink P, Seelaar H, Murrell JR, Ghetti B, Spina S, Grafman J, Kaye JA, Woltjer RL, Mesulam M, Bigio E, Lladó A, Miller BL, Alzualde A, Moreno F, Rohrer JD, Mackenzie IR, Feldman HH, Hamilton RL, Cruts M, Engelborghs S, De Deyn PP, Van Broeckhoven C, Bird TD, Cairns NJ, Goate A, Frosch MP, Riederer PF, Bogdanovic N, Lee VM, Trojanowski JQ, Van Deerlin VM. (2011) Genetic and clinical features of progranulin-associated frontotemporal lobar degeneration. *Arch Neurol.*;68(4):488-97.

1100) Mandel S, Grünblatt E, Riederer P. (2011) Iron in brain function and neurodegenerative disorders. Editorial. *J Neural Transm.*;118(3):299-300.

1101) Korczyn AD, Riederer P. (2011) CONy: a new perspective for readers of JNT. *J Neural Transm.*;118(2):179.

1102) Gerlach M, Beck J, Riederer P, van den Buuse M. (2011) Flibanserin attenuates L: -DOPA-sensitized contraversive circling in the unilaterally 6-hydroxydopamine-lesioned rat model of Parkinson's disease. *J Neural Transm.*;118(12):1727-32. Epub 2011 Jan 28.

1103) Gerlach M, Bartoszyk GD, Riederer P, Dean O, van den Buuse M. (2011) Role of dopamine D3 and serotonin 5-HT 1A receptors in L: -DOPA-induced dyskinesias and effects of sarizotan in the 6-hydroxydopamine-lesioned rat model of Parkinson's disease. *J Neural Transm.*;118(12):1733-42. Epub 2011 Jan 21.

2010

1054) Osmanovic J, Plaschke K, Salkovic-Petrisic M, Grünblatt E, Riederer P, Hoyer S. Chronic exogenous corticosterone administration generates an insulin-resistant brain state in rats. *Stress*. 2010 Mar;13(2):123-31. doi: 10.3109/10253890903080379. PubMed PMID: 19929311.

1055) Kassubek J, Büttner T, Reichmann H, Riederer P, Schulz JB, Wüllner U, Csoti I. [On the role of MAO B inhibitors and NMDA antagonists in the therapy of Parkinson's disease]. *Fortschr Neurol Psychiatr*. 2010 Mar;78 Suppl 1:S34-6. doi: 10.1055/s-0029-1245166. Epub 2010 Mar 1.

1056) Benninghoff J, Gritti A, Rizzi M, Lamorte G, Schloesser RJ, Schmitt A, Robel S, Genius J, Moessner R, Riederer P, Manji HK, Grunze H, Rujescu D, Moeller HJ, Lesch KP, Vescovi AL. Serotonin depletion hampers survival and proliferation in neurospheres derived from adult neural stem cells. *Neuropsychopharmacology*. 2010 Mar;35(4):893-903. doi: 10.1038/npp.2009.181. Epub 2009 Dec 9. PubMed PMID: 20010549; PubMed Central PMCID: PMC3055363.

1057) Michel TM, Camara S, Tatschner T, Frangou S, Sheldrick AJ, Riederer P, Grünblatt E. Increased xanthine oxidase in the thalamus and putamen in depression. *World J Biol Psychiatry*. 2010 Mar;11(2 Pt 2):314-20. doi: 10.3109/15622970802123695.

1058) Kassubek J, Büttner T, Reichmann H, Riederer P, Schulz JB, Wüllner U, Csoti I. [On the role of MAO B inhibitors and NMDA antagonists in the therapy of Parkinson's disease]. *Fortschr Neurol Psychiatr*. 2010 Mar;78 Suppl 1:S34-6. doi: 10.1055/s-0029-1245166. Epub 2010 Mar 1.

1059) Riedel O, Heuser I, Klotsche J, Dodel R, Wittchen HU; GEPAD Study Group. Occurrence risk and structure of depression in Parkinson disease with and without dementia: results from the GEPAD Study. *J Geriatr Psychiatry Neurol*. 2010 Mar;23(1):27-34. doi: 10.1177/0891988709351833. Epub 2009 Dec 30.

1060) Van Deerlin VM, Sleiman PM, Martinez-Lage M, Chen-Plotkin A, Wang LS, Graff-Radford NR, Dickson DW, Rademakers R, Boeve BF, Grossman M, Arnold SE, Mann DM, Pickering-Brown SM, Seelaar H, Heutink P, van Swieten JC, Murrell JR, Ghetti B, Spina S, Grafman J, Hodges J, Spillantini MG, Gilman S, Lieberman AP, Kaye JA, Woltjer RL, Bigio EH, Mesulam M, Al-Sarraj S, Troakes C, Rosenberg RN, White CL 3rd, Ferrer I, Lladó A, Neumann M, Kretschmar HA, Hulette CM, Welsh-Bohmer KA, Miller BL, Alzualde A, Lopez de Munain A, McKee AC, Gearing M, Levey AI, Lah JJ, Hardy J, Rohrer JD, Lashley T, Mackenzie IR, Feldman HH, Hamilton RL, Dekosky ST, van der Zee J, Kumar-Singh S, Van Broeckhoven C, Mayeux R, Vonsattel JP, Troncoso JC, Kril JJ, Kwok JB, Halliday GM, Bird TD, Ince PG, Shaw PJ, Cairns NJ, Morris JC, McLean CA, DeCarli C, Ellis WG, Freeman SH, Frosch MP, Growdon JH, Perl DP, Sano M, Bennett DA, Schneider JA, Beach TG, Reiman EM, Woodruff BK, Cummings J, Vinters HV, Miller CA, Chui HC, Alafuzoff I, Hartikainen P, Seilhean D, Galasko D, Masliah E, Cotman CW, Tuñón MT, Martínez MC, Munoz DG, Carroll SL, Marson D, Riederer PF, Bogdanovic N,

Schellenberg GD, Hakonarson H, Trojanowski JQ, Lee VM. Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. *Nat Genet.* 2010 Mar;42(3):234-9. doi: 10.1038/ng.536. Epub 2010 Feb 14. PubMed PMID: 20154673; PubMed Central PMCID: PMC2828525.

1061) Riederer P. A tribute to Professor Dr. Med. Dipl. Psych. Andreas Warnke. *J Neural Transm.* 2010 May;117(5):545. doi: 10.1007/s00702-010-0395-6. Epub 2010 Mar 26. PubMed PMID: 20340035.

1062) Von Reichmann H, Deuschl G, Riedel O, Spottke A, Förstl H, Henn F, Heuser I, Oertel W, Riederer P, Trenkwalder C, Dodel R, Wittchen HU. [The German Study on the Epidemiology of Parkinson's Disease with Dementia (GEPAD): more than Parkinson]. *MMW Fortschr Med.* 2010 Apr 8;152 Suppl 1:1-6.

1063) Double KL, Halliday GM, Dunkley PR, Dickson PW, Gerlach M, Riederer P. Pigmentation in the human brain and risk of Parkinson's disease. *Ann Neurol.* 2010 Apr;67(4):553-4. doi: 10.1002/ana.21882. PubMed PMID: 20437597.

1064) Michel TM, Gsell W, Geuder J, Frangou S, Durany N, Kircher T, Sheldrick AJ, Tatschner T, Schneider F, Riederer P, Grünblatt E. Can enzyme kinetics of prooxidants teach us a lesson about the treatment of Alzheimer's disease: a pilot post-mortem study. *World J Biol Psychiatry.* 2010 Jun;11(4):677-81. doi: 10.3109/15622971003728014. PubMed PMID: 20380619.

1065) Michel TM, Gsell W, Geuder J, Frangou S, Durany N, Kircher T, Sheldrick AJ, Tatschner T, Schneider F, Riederer P, Grünblatt E. Can enzyme kinetics of prooxidants teach us a lesson about the treatment of Alzheimer's disease: a pilot post-mortem study. *World J Biol Psychiatry.* 2010 Jun;11(4):677-81. doi: 10.3109/15622971003728014. PubMed PMID: 20380619.

1066) Scheller C, Arendt G, Nolting T, Antke C, Sopper S, Maschke M, Obermann M, Angerer A, Husstedt IW, Meisner F, Neuen-Jacob E, Müller HW, Carey P, Ter Meulen V, Riederer P, Koutsilieri E. Increased dopaminergic neurotransmission in therapy-naïve asymptomatic HIV patients is not associated with adaptive changes at the dopaminergic synapses. *J Neural Transm.* 2010 Jun;117(6):699-705. doi: 10.1007/s00702-010-0415-6. Epub 2010 May 9.

1067) Riedel O, Klotsche J, Spottke A, Deuschl G, Förstl H, Henn F, Heuser I, Oertel W, Reichmann H, Riederer P, Trenkwalder C, Dodel R, Wittchen HU. Frequency of dementia, depression, and other neuropsychiatric symptoms in 1,449 outpatients with Parkinson's disease. *J Neurol.* 2010 Jul;257(7):1073-82. doi: 10.1007/s00415-010-5465-z. Epub 2010 Feb 6. PubMed PMID: 20140443.

1068) Zheng B, Liao Z, Locascio JJ, Lesniak KA, Roderick SS, Watt ML, Eklund AC, Zhang-James Y, Kim PD, Hauser MA, Grünblatt E, Moran LB, Mandel SA, Riederer P, Miller RM, Federoff HJ, Wüllner U, Papapetropoulos S, Youdim MB, Cantuti-Castelvetri I, Young AB, Vance JM, Davis RL, Hedreen JC, Adler CH, Beach

TG, Graeber MB, Middleton FA, Rochet JC, Scherzer CR; Global PD Gene Expression (GPEX) Consortium. PGC-1 α , a potential therapeutic target for early intervention in Parkinson's disease. *Sci Transl Med.* 2010 Oct 6;2(52):52ra73. doi: 10.1126/scitranslmed.3001059. PubMed PMID: 20926834; PubMed Central PMCID: PMC3129986.

1069) Zheng B, Liao Z, Locascio JJ, Lesniak KA, Roderick SS, Watt ML, Eklund AC, Zhang-James Y, Kim PD, Hauser MA, Grünblatt E, Moran LB, Mandel SA, Riederer P, Miller RM, Federoff HJ, Wüllner U, Papapetropoulos S, Youdim MB, Cantuti-Castelvetri I, Young AB, Vance JM, Davis RL, Hedreen JC, Adler CH, Beach TG, Graeber MB, Middleton FA, Rochet JC, Scherzer CR; Global PD Gene Expression (GPEX) Consortium. PGC-1 α , a potential therapeutic target for early intervention in Parkinson's disease. *Sci Transl Med.* 2010 Oct 6;2(52):52ra73. doi: 10.1126/scitranslmed.3001059. PubMed PMID: 20926834; PubMed Central PMCID: PMC3129986.

1070) Grünblatt E, Proft F, Apfelbacher M, Deckert J, Roggendorf W, Riederer P, Monoranu CM. Brain tryptophan rather than pH-value is altered as consequence of artificial postmortem interval and storage conditions. *Neurochem Int.* 2010 Dec;57(7):819-22. doi: 10.1016/j.neuint.2010.08.020. Epub 2010 Sep 15.

1071) Berg D, Godau J, Riederer P, Gerlach M, Arzberger T. Microglia activation is related to substantia nigra echogenicity. *J Neural Transm.* 2010 Nov;117(11):1287-92. doi: 10.1007/s00702-010-0504-6. Epub 2010 Nov 6. PMID: 21057966

1072) Bartl J, Link P, Schlosser C, Gerlach M, Schmitt A, Walitza S, Riederer P, Grünblatt E. Effects of methylphenidate: the cellular point of view. *Atten Defic Hyperact Disord.* 2010 Dec;2(4):225-32. doi: 10.1007/s12402-010-0039-6. Epub 2010 Nov 10. PubMed PMID: 21432609.

1073) Grünblatt E, Zehetmayer S, Jacob CP, Müller T, Jost WH, Riederer P. Pilot study: peripheral biomarkers for diagnosing sporadic Parkinson's disease. *J Neural Transm.* 2010 Dec;117(12):1387-93. doi: 10.1007/s00702-010-0509-1. Epub 2010 Nov 11. PubMed PMID: 21069393.

1074) Naoi M., Maruyama W. Riederer P. Melanin. *Encyclopedia of Movement Disorders* (2010), vol. 2 pp 169-71

1075) Michel TM, Gsell W, Käsbauer L, Tatschner T, Sheldrick AJ, Neuner I, Schneider F, Grünblatt E, Riederer P. Increased activity of mitochondrial aldehyde dehydrogenase (ALDH) in the putamen of individuals with Alzheimer's disease: a human postmortem study. *J Alzheimers Dis.* 2010;19(4):1295-301. doi: 10.3233/JAD-2010-1326. PubMed PMID: 20061610.

1076) Plaschke K, Kopitz J, Siegelin M, Schliebs R, Salkovic-Petrisic M, Riederer P, Hoyer S. Insulin-resistant brain state after intracerebroventricular streptozotocin injection exacerbates Alzheimer-like changes in Tg2576 AbetaPP-overexpressing mice. *J Alzheimers Dis.* 2010;19(2):691-704. doi: 10.3233/JAD-2010-1270.

1077) Plaschke K, Kopitz J, Siegelin M, Schliebs R, Salkovic-Petrisic M, Riederer P, Hoyer S. Insulin-resistant brain state after intracerebroventricular streptozotocin injection exacerbates Alzheimer-like changes in Tg2576 AbetaPP-overexpressing mice. *J Alzheimers Dis.* 2010;19(2):691-704. doi: 10.3233/JAD-2010-1270. PubMed PMID: 20110613.

2011

1078) Riederer P, Bartl J, Laux G, Grünblatt E. Diabetes type II: a risk factor for depression-Parkinson-Alzheimer? *Neurotox Res.* 2011 Feb;19(2):253-65. doi: 10.1007/s12640-010-9203-1. Epub 2010 Jun 15. Review. PubMed PMID: 20552313.

1079) Ihl R, Frölich L, Winblad B, Schneider L, Burns A, Möller HJ; WFSBP Task Force on Treatment Guidelines for Alzheimer's Disease and other Dementias. World Federation of Societies of Biological Psychiatry (WFSBP) guidelines for the biological treatment of Alzheimer's disease and other dementias. *World J Biol Psychiatry.* 2011 Feb;12(1):2-32. doi: 10.3109/15622975.2010.538083. Review. PubMed PMID: 21288069.

1080) Korczyn AD, Riederer P. CONy: a new perspective for readers of JNT. *J Neural Transm.* 2011 Feb;118(2):179. doi: 10.1007/s00702-011-0603-z. PubMed PMID: 21350941.

1081) Mandel S, Grünblatt E, Riederer P. Iron in brain function and neurodegenerative disorders. Editorial. *J Neural Transm.* 2011 Mar;118(3):299-300. doi: 10.1007/s00702-011-0618-5. PubMed PMID: 21400002.

1082) Grünblatt E, Bartl J, Riederer P. The link between iron, metabolic syndrome, and Alzheimer's disease. *J Neural Transm.* 2011 Mar;118(3):371-9. doi: 10.1007/s00702-010-0426-3. Epub 2010 Jun 17. Review. PubMed PMID: 20556444.

1083) Riederer P, Laux G. MAO-inhibitors in Parkinson's Disease. *Exp Neurobiol.* 2011 Mar;20(1):1-17. doi: 10.5607/en.2011.20.1.1. Epub 2011 Mar 31. PubMed PMID: 22110357; PubMed Central PMCID: PMC3213739.

1084) Giaccone G, Arzberger T, Alafuzoff I, Al-Sarraj S, Budka H, Duyckaerts C, Falkai P, Ferrer I, Ironside JW, Kovács GG, Meyronet D, Parchi P, Patsouris E, Revesz T, Riederer P, Rozemuller A, Schmitt A, Winblad B, Kretschmar H; BrainNet Europe consortium. New lexicon and criteria for the diagnosis of Alzheimer's disease. *Lancet Neurol.* 2011 Apr;10(4):298-9; author reply 300-1. doi: 10.1016/S1474-4422(11)70055-2. PubMed PMID: 21435593.

1085) Chen-Plotkin AS, Martinez-Lage M, Sleiman PM, Hu W, Greene R, Wood EM, Bing S, Grossman M, Schellenberg GD, Hatanpaa KJ, Weiner MF, White CL 3rd, Brooks WS, Halliday GM, Kril JJ, Gearing M, Beach TG, Graff-Radford NR, Dickson DW, Rademakers R, Boeve BF, Pickering-Brown SM, Snowden J, van Swieten JC, Heutink P, Seelaar H, Murrell JR, Ghetti B, Spina S, Grafman J, Kaye JA, Woltjer RL, Mesulam M, Bigio E, Lladó A, Miller BL, Alzualde A, Moreno F, Rohrer JD, Mackenzie IR, Feldman HH, Hamilton RL, Cruts M, Engelborghs S, De Deyn PP, Van Broeckhoven C, Bird TD, Cairns NJ, Goate A, Frosch MP, Riederer PF, Bogdanovic N, Lee VM, Trojanowski JQ, Van Deerlin VM. Genetic and clinical features of progranulin-associated frontotemporal lobar degeneration. *Arch Neurol.* 2011 Apr;68(4):488-97. doi: 10.1001/archneurol.2011.53. PubMed PMID: 21482928; PubMed Central PMCID: PMC3160280.

1086) Salkovic-Petrisic M, Osmanovic-Barilar J, Brückner MK, Hoyer S, Arendt T, Riederer P. Cerebral amyloid angiopathy in streptozotocin rat model of sporadic Alzheimer's disease: a long-term follow up study. *J Neural Transm.* 2011 May;118(5):765-72. doi: 10.1007/s00702-011-0651-4. Epub 2011 Apr 30. PubMed PMID: 21533606.

1087) Marksteiner J, Riederer P. Prof. Dr. Kurt Jellinger: an appreciation on the occasion of his anniversary. *J Neural Transm.* 2011 May;118(5):651. doi: 10.1007/s00702-011-0652-3. PubMed PMID: 21533895.

1088) Schulz JB, Gerlach M, Gille G, Kuhn W, Müngersdorf M, Riederer P, Südmeyer M, Ludolph A. Basic science in Parkinson's disease: its impact on clinical practice. *J Neurol.* 2011 May;258(Suppl 2):S299-306. doi: 10.1007/s00415-011-6040-y. Review. PubMed PMID: 21560059.

1089) Riedel O, Dodel R, Deuschl G, Förstl H, Henn F, Heuser I, Oertel W, Reichmann H, Riederer P, Trenkwalder C, Wittchen HU. [Dementia and depression determine care dependency in Parkinson's disease: analysis of 1,449 outpatients receiving nursing care in Germany]. *Nervenarzt.* 2011 Aug;82(8):1012-9. doi: 10.1007/s00115-010-3186-2.

1090) Monoranu CM, Grünblatt E, Bartl J, Meyer A, Apfelbacher M, Keller D, Michel TM, Al-Saraj S, Schmitt A, Falkai P, Roggendorf W, Deckert J, Ferrer I, Riederer P. Methyl- and acetyltransferases are stable epigenetic markers postmortem. *Cell Tissue Bank.* 2011 Nov;12(4):289-97. doi: 10.1007/s10561-010-9199-z. Epub 2010 Jul 23. PubMed PMID: 20652834.

1091) Sian-Hülsmann J, Mandel S, Youdim MB, Riederer P. The relevance of iron in the pathogenesis of Parkinson's disease. *J Neurochem.* 2011 Sep;118(6):939-57. doi: 10.1111/j.1471-4159.2010.07132.x. Epub 2011 Jan 31. Review. PubMed PMID: 21138437.

1092) Grünblatt E, Reif A, Jungwirth S, Galimberti D, Weber H, Scarpini E, Sauer C, Wichart I, Rainer MK, Huber K, Danielczyk W, Tragl KH, Deckert J, Fischer P, Riederer P. Genetic variation in the choline O-acetyltransferase gene in depression and Alzheimer's disease: the VITA and Milano studies. *J Psychiatr Res.* 2011 Sep;45(9):1250-6. doi: 10.1016/j.jpsychires.2011.03.017. Epub 2011 Apr 19. PubMed PMID: 21507424.

1093) Oberländer U, Pletinckx K, Döhler A, Müller N, Lutz MB, Arzberger T, Riederer P, Gerlach M, Koutsilieris E, Scheller C. Neuromelanin is an immune stimulator for dendritic cells in vitro. *BMC Neurosci.* 2011 Nov 15;12:116. doi: 10.1186/1471-2202-12-116. PubMed PMID: 22085464; PubMed Central PMCID: PMC3225309.

1094) Bartl J, Scholz CJ, Hinterberger M, Jungwirth S, Wichart I, Rainer MK, Kneitz S, Danielczyk W, Tragl KH, Fischer P, Riederer P, Grünblatt E. Disorder-specific effects of polymorphisms at opposing ends of the Insulin Degrading Enzyme gene. *BMC Med Genet.*

2011 Nov 22;12:151. doi: 10.1186/1471-2350-12-151. PubMed PMID: 22107728; PubMed Central PMCID: PMC3266204.

1095) Michel TM, Sheldrick AJ, Camara S, Grünblatt E, Schneider F, Riederer P. Alteration of the pro-oxidant xanthine oxidase (XO) in the thalamus and occipital cortex of patients with schizophrenia. *World J Biol Psychiatry*. 2011 Dec;12(8):588-97. doi: 10.3109/15622975.2010.526146. Epub 2010 Nov 15. PubMed PMID: 21073395.

1096) Gerlach M, Bartoszyk GD, Riederer P, Dean O, van den Buuse M. Role of dopamine D3 and serotonin 5-HT 1A receptors in L: -DOPA-induced dyskinesias and effects of sarizotan in the 6-hydroxydopamine-lesioned rat model of Parkinson's disease. *J Neural Transm*. 2011 Dec;118(12):1733-42. doi: 10.1007/s00702-010-0571-8. Epub 2011 Jan 21. PubMed PMID: 21253782.

1097) Gerlach M, Beck J, Riederer P, van den Buuse M. Flibanserin attenuates L: -DOPA-sensitized contraversive circling in the unilaterally 6-hydroxydopamine-lesioned rat model of Parkinson's disease. *J Neural Transm*. 2011 Dec;118(12):1727-32. doi: 10.1007/s00702-010-0570-9. Epub 2011 Jan 28. PubMed PMID: 21274579.

1098) Gerlach M, Riederer P, Scheller D. Mechanisms underlying and medical management of L-Dopa-associated motor complications. *J Neural Transm*. 2011 Dec;118(12):1659-60. doi: 10.1007/s00702-011-0728-0. PubMed PMID: 22075781.

1099) Gerlach M, Bartoszyk GD, Riederer P, Dean O, van den Buuse M. Role of dopamine D3 and serotonin 5-HT 1A receptors in L: -DOPA-induced dyskinesias and effects of sarizotan in the 6-hydroxydopamine-lesioned rat model of Parkinson's disease. *J Neural Transm*. 2011 Dec;118(12):1733-42. doi: 10.1007/s00702-010-0571-8. Epub 2011 Jan 21.

1100) Youdim M, Riederer P. (ed.) *Monoamine Oxidases and their Inhibitors*, 1st Edition International Review of Neurobiology (2011).

1101) Grünblatt E, Schmidt WJ, Scheller DK, Riederer P, Gerlach M. Transcriptional alterations under continuous or pulsatile dopaminergic treatment in dyskinetic rats. *J Neural Transm*. 2011 Dec;118(12):1717-25. doi: 10.1007/s00702-010-0552-y. Epub 2010 Dec 25. Role of

1102) M. Gerlach, H. Baas, W. Jost, J. Klucken, P. Riederer. Nutzen von Pharmakokinetik- und Pharmakogenetik-Wissen für die Parkinson-Therapie. *Akt Neurol* 2011; 38(10): 544-548

1103) Hiemke C...Riederer P, AGNP-Konsensus-Leitlinien für therapeutisches Drug-Monitoring in der Psychiatrie Update 2011. *Psychopharmakotherapie*, 19. (3), 91-122

1104) Peter F. Riederer and Melita Salkovic-Petrisic (2011) Siegfried Hoyer - Field Editor of the JNT section "dementias" from 1996 to 2010. *J Neural Transm* (2011) 118:1-2

1105) P. Riederer, W. E. Müller, A. Eckert, J. Thome. Störungen der Neurotransmission und Signaltransduktion als Grundlage psychischer Erkrankungen. In: *Psychiatrie Psychosomatik Psychotherapie* (HJ Möller, G. Laux, HP Kapfhammer Hrsg.), Band I Allgemeine Psychiatrie, 4. Auflage . Springer-Verlag Berlin Heidelberg (2011), pp 217-250

1106) Reif A, Grünblatt E, Herterich S, Wichart I, Rainer MK, Jungwirth S, Danielczyk W, Deckert J, Tragl KH, Riederer P, Fischer P. Association of a functional NOS1 promoter repeat with Alzheimer's disease in the VITA cohort. *J Alzheimers Dis.* 2011;23(2):327-33. doi: 10.3233/JAD-2010-101491. PubMed PMID: 21098972.

1107) Weinreb O, Amit T, Riederer P, Youdim MB, Mandel SA. Neuroprotective profile of the multitarget drug rasagiline in Parkinson's disease. *Int Rev Neurobiol.* 2011;100:127-49. doi: 10.1016/B978-0-12-386467-3.00007-8. Review. PubMed PMID: 21971006.

2012

1108) Gerlach M, Maetzler W, Broich K, Hampel H, Rems L, Reum T, Riederer P, Stöffler A, Streffer J, Berg D. Biomarker candidates of neurodegeneration in Parkinson's disease for the evaluation of disease-modifying therapeutics. *J Neural Transm.* 2012 Jan;119(1):39-52. doi: 10.1007/s00702-011-0682-x. Epub 2011 Jul 14. Review. PubMed PMID: 21755462; PubMed Central PMCID: PMC3250615.

1109) Monoranu CM, Kircher S, Schmitt A, Riederer P, Gerlach M. Uniform pattern of immunohistochemical localization of serotonin 5-HT₂ receptors in human aortic, mitral, pulmonary and tricuspid heart valves: Implication for the pathomechanism of valvular heart disease following treatment with dopamine agonists. *Basal Ganglia* 07/2012; 2(2):87–90. DOI: 10.1016/j.baga.2012.04.031

1110) Durrenberger PF, Grünblatt E, Fernando FS, Monoranu CM, Evans J, Riederer P, Reynolds R, Dexter DT. Inflammatory Pathways in Parkinson's Disease; A BNE Microarray Study. *Parkinsons Dis.* 2012;2012:214714. doi: 10.1155/2012/214714. Epub 2012 Apr 2. PubMed PMID: 22548201; PubMed Central PMCID: PMC3324922.

1111) Molochnikov L, Rabey JM, Dobronevsky E, Bonucelli U, Ceravolo R, Frosini D, Grünblatt E, Riederer P, Jacob C, Aharon-Peretz J, Bashenko Y, Youdim MB, Mandel SA. A molecular signature in blood identifies early Parkinson's disease. *Mol Neurodegener.* 2012 May 31;7:26. doi: 10.1186/1750-1326-7-26. PubMed PMID: 22651796; PubMed Central PMCID: PMC3424147.

1112) Grünblatt E, Geissler J, Jacob CP, Renner T, Müller M, Bartl J, Gross-Lesch S, Riederer P, Lesch KP, Walitza S, Gerlach M, Schmitt A. Pilot study: potential transcription markers for adult attention-deficit hyperactivity disorder in whole blood. *Atten Defic Hyperact Disord.* 2012 Jun;4(2):77-84. doi: 10.1007/s12402-012-0074-6. Epub 2012 May 6. PubMed PMID: 22562805.

- 1113) Riedel O, Dodel R, Deuschl G, Klotsche J, Förstl H, Heuser I, Oertel W, Reichmann H, Riederer P, Trenkwalder C, Wittchen HU. Depression and care-dependency in Parkinson's disease: results from a nationwide study of 1449 outpatients. *Parkinsonism Relat Disord*. 2012 Jun;18(5):598-601. doi: 10.1016/j.parkreldis.2011.11.007. Epub 2011 Nov 25.
- 1114) Matak I, Riederer P, Lacković Z. Botulinum toxin's axonal transport from periphery to the spinal cord. *Neurochem Int*. 2012 Jul;61(2):236-9. doi: 10.1016/j.neuint.2012.05.001. Epub 2012 May 8. PubMed PMID: 22580329.
- 1115) Thome J, Ehlis AC, Fallgatter AJ, Krauel K, Lange KW, Riederer P, Romanos M, Taurines R, Tucha O, Uzbekov M, Gerlach M. Biomarkers for attention-deficit/hyperactivity disorder (ADHD). A consensus report of the WFSBP task force on biological markers and the World Federation of ADHD. *World J Biol Psychiatry*. 2012 Jul;13(5):379-400. doi: 10.3109/15622975.2012.690535. Review. PubMed PMID: 22834452.
- 1116) Unterecker S, Müller P, Jacob C, Riederer P, Pfuhlmann B. Therapeutic drug monitoring of antidepressants in haemodialysis patients. *Clin Drug Investig*. 2012 Aug 1;32(8):539-45. doi: 10.2165/11633560-000000000-00000. PubMed PMID: 22715858.
- 1117) Riederer P, Sian-Hülsmann J. The significance of neuronal lateralisation in Parkinson's disease. *J Neural Transm*. 2012 Aug;119(8):953-62. doi: 10.1007/s00702-012-0775-1. Epub 2012 Feb 26. Review.
- 1118) Wolz M, Schleiffer C, Klingelhöfer L, Schneider C, Proft F, Schwanebeck U, Reichmann H, Riederer P, Storch A. Comparison of chocolate to cacao-free white chocolate in Parkinson's disease: a single-dose, investigator-blinded, placebo-controlled, crossover trial. *J Neurol*. 2012 Nov;259(11):2447-51. doi: 10.1007/s00415-012-6527-1. Epub 2012 May 15. PubMed PMID: 22584952.
- 1119) Hare DJ, Gerlach M, Riederer P. Considerations for measuring iron in post-mortem tissue of Parkinson's disease patients. *J Neural Transm*. 2012 Dec;119(12):1515-21. doi: 10.1007/s00702-012-0898-4. Epub 2012 Sep 13. Review. PubMed PMID: 22972672.
- 1120) Gerlach M, Reichmann H, Riederer P. A critical review of evidence for preclinical differences between rasagiline and selegiline. *Basal Ganglia* 2012 Dec. Vol 2 (4); S9-S15
- 1121) Gerlach M, Bass H, Jost W, Klucken J, Riederer P. Nutzen von Pharmakokinetik- und Pharmakogenetik-Wissen für die Parkinson-Therapie. *Aktuelle Neurologie (Impact Factor: 0.32)*. 12/2012; 38(10):544-548. DOI: 10.1055/s-0032-1304733
- 1122) Riederer P, Hoyer S., Störungen der Neurotransmission bei Demenzen, in: Demenzen; Wallesch C.W., Förstl H., 2. Auflage Georg Thieme Verlag Stuttgart/New York (2012), 52-66
- 1123) Riederer P., From Molecules to Circuits in Neuropsychiatric Diseases. *Leopoldina-jahrbuch* 2011, 579-587 (2012).

1124) Müller T, Gerlach M, Youdim MB, Riederer P. Psychiatric, nonmotor aspects of Parkinson's disease. *Handb Clin Neurol.* 2012;106:477-90. doi: 10.1016/B978-0-444-52002-9.00028-0. Review. PubMed PMID: 22608639.

2013

- 1125) Gerlach M, Halley P, Riederer P, van den Buuse M. The effect of piribedil on L-DOPA-induced dyskinesias in a rat model of Parkinson's disease: differential role of $\alpha(2)$ adrenergic mechanisms. *J Neural Transm.* 2013 Jan;120(1):31-6. doi: 10.1007/s00702-012-0818-7. Epub 2012 May 17. PubMed PMID: 22592937.
- 1126) Bartl J, Meyer A, Brendler S, Riederer P, Grünblatt E. Different effects of soluble and aggregated amyloid β 42 on gene/protein expression and enzyme activity involved in insulin and APP pathways. *J Neural Transm.* 2013 Jan;120(1):113-20. doi: 10.1007/s00702-012-0852-5. Epub 2012 Jul 11. PubMed PMID: 22782687.
- 1127) Salkovic-Petrisic M, Knezovic A, Hoyer S, Riederer P. What have we learned from the streptozotocin-induced animal model of sporadic Alzheimer's disease, about the therapeutic strategies in Alzheimer's research. *J Neural Transm.* 2013 Jan;120(1):233-52. doi: 10.1007/s00702-012-0877-9. Epub 2012 Aug 12. Review. PubMed PMID: 22886150.
- 1128) Salkovic-Petrisic M, Knezovic A, Hoyer S, Riederer P. What have we learned from the streptozotocin-induced animal model of sporadic Alzheimer's disease, about the therapeutic strategies in Alzheimer's research. *J Neural Transm.* 2013 Jan;120(1):233-52. doi: 10.1007/s00702-012-0877-9. Epub 2012 Aug 12.
- 1129) Bartl J, Mori T, Riederer P, Ozawa H, Grünblatt E. Methylphenidate enhances neural stem cell differentiation. *J Mol Psychiatry.* 2013 Apr 23;1(1):5. doi: 10.1186/2049-9256-1-5. eCollection 2013. PubMed PMID: 25408898; PubMed Central PMCID: PMC4224010.
- 1130) Bartl J, Monoranu CM, Wagner AK, Kolter J, Riederer P, Grünblatt E. Alzheimer's disease and type 2 diabetes: two diseases, one common link? *World J Biol Psychiatry.* 2013 Apr;14(3):233-40. doi: 10.3109/15622975.2011.650204. Epub 2012 Feb 14. PubMed PMID: 22332892.
- 1131) Bartl J, Mori T, Riederer P, Ozawa H, Grünblatt E. Correction: Methylphenidate enhances neuronal stem cell differentiation. *J Mol Psychiatry.* 2013 Jun 10;1(1):10. eCollection 2013. PubMed PMID: 25408903; PubMed Central PMCID: PMC4223885.
- 1132) Horn A, Scheller C, du Plessis S, Arendt G, Nolting T, Joska J, Sopper S, Maschke M, Obermann M, Husstedt IW, Hain J, Maponga T, Riederer P, Koutsilieri E; German Competence Network HIV/AIDS. Increases in CSF dopamine in HIV patients are due to the dopamine transporter 10/10-repeat allele which is more frequent in HIV-infected individuals. *J Neural Transm.* 2013 Oct;120(10):1411-9. doi: 10.1007/s00702-013-1086-x. Epub 2013 Sep 6. PubMed PMID: 24057505; PubMed Central PMCID: PMC3779317.
- 1133) Gerschütz A, Heinsen H, Grünblatt E, Wagner AK, Bartl J, Meissner C, Fallgatter AJ, Al-Sarraj S, Troakes C, Ferrer I, Arzberger T, Deckert J, Riederer P, Fischer M, Tatschner T, Monoranu CM. Neuron-specific mitochondrial DANN deletion levels in sporadic

Alzheimer's disease. *Curr Alzheimer Res.* 2013 Dec;10(10):1041-6. Review. PubMed PMID: 24156256.

1134) Hashimoto E, Riederer PF, Hesselbrock VM, Hesselbrock MN, Mann K, Ukai W, Sohma H, Thibaut F, Schuckit MA, Saito T. Consensus paper of the WFSBP task force on biological markers: biological markers for alcoholism. *World J Biol Psychiatry.* 2013 Dec;14(8):549-64. doi: 10.3109/15622975.2013.838302. Review. PubMed PMID: 24236956.

1135) Plum S, Helling S, Theiss C, Leite RE, May C, Jacob-Filho W, Eisenacher M, Kuhlmann K, Meyer HE, Riederer P, Grinberg LT, Gerlach M, Marcus K. Combined enrichment of neuromelanin granules and synaptosomes from human substantia nigra pars compacta tissue for proteomic analysis. *J Proteomics.* 2013 Dec 6;94:202-6. doi: 10.1016/j.jprot.2013.07.015. Epub 2013 Aug 3.

1136) Gerschütz A, Heinsen H, Grünblatt E, Wagner AK, Bartl J, Meissner C, Fallgatter AJ, Al-Sarraj S, Troakes C, Ferrer I, Arzberger T, Deckert J, Riederer P, Fischer M, Tatschner T, Monoranu CM. Neuron-specific mitochondrial DNA deletion levels in sporadic Alzheimer's disease. *Curr Alzheimer Res.* 2013 Dec;10(10):1041-6.

1137) Double KL, W. Maruyama, M. Naoi, PM Gerlach, P. Riederer. In: *Melanins and Melanosomes.* Wiley-VCH Verlag GmbH. Weinheim Germany 2013 (eds. PA Riley, J. Borovansky), Chapter Biological Role of Neuromelanin in the Human Brain and Its Importance in Parkinson's Disease.

1138) Riederer P. Drug treatment of Parkinson's disease: How it all started (DVD 2013) The Heiligendamm Round Table)

2014

1139) Michel TM, Käsbauer L, Gsell W, Jecel J, Sheldrick AJ, Cortese M, Nickl-Jockschat T, Grünblatt E, Riederer P. Aldehyde dehydrogenase 2 in sporadic Parkinson's disease. *Parkinsonism Relat Disord.* 2014 Jan;20 Suppl 1:S68-72. doi: 10.1016/S1353-8020(13)70018-X. PubMed PMID: 24262192.

1140) Scholz CJ, Jungwirth S, Danielczyk W, Weber H, Wichart I, Tragl KH, Fischer P, Riederer P, Deckert J, Grünblatt E. Investigation of association of serotonin transporter and monoamine oxidase-A genes with Alzheimer's disease and depression in the VITA study cohort: a 90-month longitudinal study. *Am J Med Genet B Neuropsychiatr Genet.* 2014 Mar;165B(2):184-91. doi: 10.1002/ajmg.b.32220. Epub 2014 Jan 17.

1141) Scholz CJ, Jungwirth S, Danielczyk W, Weber H, Wichart I, Tragl KH, Fischer P, Riederer P, Deckert J, Grünblatt E. Investigation of association of serotonin transporter and monoamine oxidase-A genes with Alzheimer's disease and depression in the VITA study cohort: a 90-month longitudinal study. *Am J Med Genet B Neuropsychiatr Genet.* 2014 Mar;165B(2):184-91. doi: 10.1002/ajmg.b.32220. Epub 2014 Jan 17. PubMed PMID: 24443391.

1142) Bartl J, Müller T, Grünblatt E, Gerlach M, Riederer P. Chronic monoamine oxidase-B inhibitor treatment blocks monoamine oxidase-A enzyme activity. *J Neural Transm.* 2014 Apr;121(4):379-83. doi: 10.1007/s00702-013-1120-z. Epub 2013 Nov 23. PubMed PMID: 24272680.

1143) Unterecker S, Proft F, Riederer P, Lauer M, Deckert J, Pfuhlmann B. The comparison of brand-name and generic formulations of venlafaxine: a therapeutic drug monitoring analysis. *Ther Drug Monit.* 2014 Apr;36(2):269-72. doi: 10.1097/FTD.0000000000000008. PubMed PMID: 24365982.

1144) Schneider E, El Hajj N, Richter S, Roche-Santiago J, Nanda I, Schempp W, Riederer P, Navarro B, Bontrop RE, Kondova I, Scholz CJ, Haaf T. Widespread differences in cortex DNA methylation of the "language gene" CNTNAP2 between humans and chimpanzees. *Epigenetics.* 2014 Apr;9(4):533-45. doi: 10.4161/epi.27689. Epub 2014 Jan 16. PubMed PMID: 24434791; PubMed Central PMCID: PMC4121364.

1145) Riederer P., Salkovic-Petrisic M. Univ.-Prof. Dr. med. Siegfried Hoyer 1933-2014. *J Neural Transm.* 2014 Jun;121(6):565-7. doi: 10.1007/s00702-014-1220-4. PubMed PMID: 24824174.

1146) Brem S, Grünblatt E, Drechsler R, Riederer P, Walitza S. The neurobiological link between OCD and ADHD. *Atten Defic Hyperact Disord.* 2014 Sep;6(3):175-202. doi: 10.1007/s12402-014-0146-x. Epub 2014 Jul 14. Review. PubMed PMID: 25017045; PubMed Central PMCID: PMC4148591.

1147) Unterecker S, Reif A, Hempel S, Proft F, Riederer P, Deckert J, Pfuhlmann B. Interaction of valproic acid and the antidepressant drugs doxepin and

venlafaxine: analysis of therapeutic drug monitoring data under naturalistic conditions. *Int Clin Psychopharmacol*. 2014 Jul;29(4):206-11. doi: 10.1097/YIC.000000000000025. PubMed PMID: 24374906; PubMed Central PMCID: PMC4047312.

1148) Unterecker S, Riederer P, Proft F, Maloney J, Deckert J, Pfulmann B. Effects of gender and age on serum concentrations of antidepressants under naturalistic conditions. *J Neural Transm*. 2013 Aug;120(8):1237-46. doi: 10.1007/s00702-012-0952-2. Epub 2012 Dec 20.

1149) Koutsilieri E, Riederer P, du Plessis S, Scheller C. A short review on the relation between the dopamine transporter 10/10-repeat allele and ADHD: implications for HIV infection. *Atten Defic Hyperact Disord*. 2014 Sep;6(3):203-9. doi: 10.1007/s12402-014-0134-1. Epub 2014 Apr 3. Review. PubMed PMID: 24696011.

1150) Warnke A, Riederer P, Romanos M. On the occasion of Manfred W. J. Gerlach's 60th anniversary. *Atten Defic Hyperact Disord*. 2014 Sep;6(3):121-3. doi: 10.1007/s12402-014-0153-y. PubMed PMID: 25081001.

1151) Grünblatt E, Riederer P. Aldehyde dehydrogenase (ALDH) in Alzheimer's and Parkinson's disease. *J Neural Transm*. 2014 Oct 9. [Epub ahead of print] PubMed PMID: 25298080.

1152) Levite Teichberg M, Riederer P. Glutamate and Vivian Teichberg: a story about science, medicine, memory and love. *J Neural Transm*. 2014 Aug;121(8):793-6. doi: 10.1007/s00702-014-1250-y. Erratum in: *J Neural Transm*. 2014 Nov;121(11):1429. PubMed PMID: 25081017.

1153) Gerschütz A, Heinsen H, Grünblatt E, Wagner AK, Bartl J, Meissner C, Fallgatter AJ, Al-Sarraj S, Troakes C, Ferrer I, Arzberger T, Deckert J, Riederer P, Fischer M, Tatschner T, Monoranu CM. Neuron-specific alterations in signal transduction pathways associated with Alzheimer's disease. *J Alzheimers Dis*. 2014;40(1):135-42. doi: 10.3233/JAD-131280. PubMed PMID: 24334724.

1154) Gerlach M, Double KL, Riederer P. Iron-induced dopaminergic cell death in vivo as a model of Parkinson's disease, in *Handbook of Neurotoxicity* (Kostrzewa RM, Editor), Springer New York, pp. 2315-2326. ISBN 978-1-4614-5835-7 (print); ISBN 978-1-4614-5836-4 (eBook); ISBN 978-1-4614-7458-6 (print and electronic bundle), pp 2065-2074.

1155) Gerlach R, Riederer (et al). Iron-Induced Dopaminergic Cell Death In Vivo as a Model of Parkinson's Disease In: *Handbook of Neurotoxicity*, Editors: Kostrzewa, Richard (Ed.), Springer Science Publishing Co, New York, pp 2065-2073

1156) Salkovic-Petrisic, M., Riederer (et al.) Experimental Approach to Alzheimer Disease. In: *Handbook of Neurotoxicity*, Editors: Kostrzewa, Richard (Ed.), Springer Science Publishing Co, New York, pp. 2025-2045

1157) Rieder P.F. For Toshi Saito. Festschrift zum 65. Geburtstag, Hrsg. Department of Neuropsychiatry, School of Medicine Sapporo Medical University, (2014), p. 17

1158) Riederer P, Dudai Y, Segal Y, Frotscher M. The 3rd Joint Inter-Academy Symposium with the Israel Academy of Sciences and Humanities. Stability and Plasticity: Advances in Understanding Neuronal Representations. Leopoldina-Jahrbuch 2013, 465-477 (2014)

2015

- 1159) Naoi M, Riederer P, Maruyama W. Modulation of monoamine oxidase (MAO) expression in neuropsychiatric disorders: genetic and environmental factors involved in type A MAO expression. *J Neural Transm.* 2015 Jan 22. [Epub ahead of print] PubMed PMID: 25604428.
- 1160) Ihl R, Bunevicius R, Frölich L, Winblad B, Schneider LS, Dubois B, Burns A, Thibaut F, Kasper S, Möller HJ; WFSBP Task Force on Mental Disorders in Primary Care; WFSBP Task Force on Dementia. World Federation of Societies of Biological Psychiatry guidelines for the pharmacological treatment of dementias in primary care. *Int J Psychiatry Clin Pract.* 2015 Mar;19(1):2-7. doi: 10.3109/13651501.2014.961931. Epub 2014 Oct 18. PubMed PMID: 25195764.
- 1161) Proft F, Kopf J, Olmes D, Hempel S, Schmidt B, Riederer P, Deckert J, Pfuhlmann B, Reif A, Unterecker S. SLC6A2 and SLC6A4 variants interact with venlafaxine serum concentrations to influence therapy outcome. *Pharmacopsychiatry.* 2015 Mar;48(2):81. doi: 10.1055/s-0035-1545318. Epub 2015 Mar 4. No abstract available. PMID: 25738265
- 1162) Frölich L, Müller WE, Riederer P. Editorial: Siegfried Hoyer's concept of Alzheimer pathophysiology. *J Neural Transm.* 2015 Apr;122(4):495-7. doi: 10.1007/s00702-015-1371-y. Epub 2015 Jan 24. PubMed PMID: 25616721.
- 1163) Sofic E, Salkovic-Petrisic M, Tahirovic I, Sapcanin A, Mandel S, Youdim M, Riederer P. *J Neural Transm.* 2015 Apr;122(4):559-64. doi: 10.1007/s00702-014-1307-y. Epub 2014 Sep 25. PMID: 25252744 Brain catalase in the streptozotocin-rat model of sporadic Alzheimer's disease treated with the iron chelator-monoamine oxidase inhibitor, M30.
- 1164) J. Osmanovic Barilar, Knezovic A, E Grünballt, P Riederer, Salkovic-Petrisic. Nine-month follow-up of the insulin receptor signalling cascade in the brain of streptozotocin rat model of sporadic Alzheimer's disease. *J Neural Transm.* 2015 Apr;122(4):565-576. doi: 10.1007/s00702-014-1323-y.
- 1165) Knezovic A, Osmanovic-Barilar J, Curlin M, Hof PR, Simic G, Riederer P, Salkovic-Petrisic M. Staging of cognitive deficits and neuropathological and ultrastructural changes in streptozotocin-induced rat model of Alzheimer's disease. *J Neural Transm.* 2015 Apr;122(4):577-92. doi: 10.1007/s00702-015-1394-4. Epub 2015 Mar 26. PubMed PMID: 25808906.
- 1166) Deng H, Riederer P, Deng HX, Le W, Xiong W, Guo Y. *Human Genetic Diseases. Biomed Res Int.* 2015;2015:315216. doi: 10.1155/2015/315216. Epub 2015 May 20. PubMed PMID: 26078946; PubMed Central PMCID: PMC4452830.
- 1167) Grünblatt E, Bartl J, Iuhos DI, Knezovic A, Trkulja V, Riederer P, Walitza S, Salkovic-Petrisic M. Characterization of cognitive deficits in spontaneously hypertensive rats, accompanied by brain insulin receptor dysfunction. *J Mol Psychiatry.* 2015 Jun 4;3(1):6. doi: 10.1186/s40303-015-0012-6. eCollection 2015.

PubMed PMID: 26110057; PubMed Central PMCID: PMC4479234.

1168) Salkovic-Petrisic M, Knezovic A, Osmanovic-Barilar J, Smailovic U, Trkulja V, Riederer P, Amit T, Mandel S, Youdim MB. Multi-target iron-chelators improve memory loss in a rat model of sporadic Alzheimer's disease. *Life Sci.* 2015 Jul 6. pii: S0024-3205(15)00350-1. doi: 10.1016/j.lfs.2015.06.026. [Epub ahead of print] PubMed PMID: 26159898.

1169) Strobel S, Grünblatt E, Riederer P, Heinsen H, Arzberger T, Al-Sarraj S, Troakes C, Ferrer I, Monoranu CM. Changes in the expression of genes related to neuroinflammation over the course of sporadic Alzheimer's disease progression: CX3CL1, TREM2, and PPAR γ . *J Neural Transm.* 2015 Jul;122(7):1069-76. doi: 10.1007/s00702-015-1369-5. Epub 2015 Jan 18. PMID: 25596843

1170) Thibaut F, Boutros NN, Jarema M, Oranje B, Hasan A, Daskalakis ZJ, Wichniak A, Schmitt A, Riederer P, Falkai P; Wfsbp Task Force on Biological Markers. Consensus paper of the WFSBP Task Force on Biological Markers: Criteria for biomarkers and endophenotypes of schizophrenia part I: Neurophysiology. *World J Biol Psychiatry.* 2015 Aug;16(5):280-90. doi: 10.3109/15622975.2015.1050061. PubMed PMID: 26213111.

1171) Sian-Hulsmann J, Monoranu C, Strobel S, Riederer P. Lewy Bodies: A Spectator or Salient Killer? *CNS Neurol Disord Drug Targets.* 2015;14(7):947-55. PubMed PMID: 25801839.

1172) Salkovic-Petrisic M, Hoyer S, Riederer P. Experimental approach to Alzheimer Disease, in: *Handbook of Neurotoxicity* (Kostrzewa RM, Editor), Springer New York, pp. 2315-2326. ISBN 978-1-4614-5835-7 (print); ISBN 978-1-4614-5836-4 (eBook); ISBN 978-1-4614-7458-6 (print and electronic bundle), pp 2025-2046.