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**GENEESKUNDIGE STICHTING KONINGIN
ELISABETH**

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VOLUME II

Prof. Dr. A. Goffinet

F. TISSIR and A.M. GOFFINET

Expression of planar cell polarity genes during development of the mouse CNS

European Journal of Neuroscience, Vol. 23, pp. 597-607. **Impact Factor: 3.710.**

E. FÖRSTER, Y. JOSSIN, S. ZHAO, X. CHAI, M. FROTSCHER and A.M. GOFFINET.

Recent progress in understanding the role of reelin in radial neuronal migration, with specific emphasis on the dentate gyrus

European Journal of Neuroscience, Vol. 23, pp. 901-909. **Impact Factor: 3.710.**

D.J. PRICE, H. KENNEDY, C. DEHAY, L. ZHOU, M. MERCIER, Y. JOSSIN, A.M. GOFFINET, F. TISSIR, D. BLAKEY and Z. MOLNÁR.

The development of cortical connections

European Journal of Neuroscience, Vol. 23, pp. 910-920. **Impact Factor: 3.710.**

L. ZHOU, Y. JOSSIN and A.M. GOFFINET

Identification of small molecules that interfere with radial neuronal migration and early cortical plate development.

Cerebral Cortex, Vol. 10/1093, pp. 1-10. **Impact Factor: 6.340.**

Prof. dr. J. N. Octave

N. PIERROT, S.FERRAO SANTOS, C. FEYT, M. MOREL, J.P. BRION and J.N. OCTAVE

Calcium –mediated transient phosphorylation of tau and amyloid precursor protein followed by intraneuronal amyloid- β accumulation.

Journal of Biological Chemistry, Vol. 281, Nr 52, pp. 39907-39914. **Impact Factor: 2,752.**

Prof. dr M. Parmentier

FERNANDO AREZANA-SEISEDEDOS and MARC PARMENTIER

Genetics of resistance to HIV infection: role of co-receptors and co-receptor ligands.

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ISABELLE MIGEOTTE, DAVID COMMUNI and MARC PARMENTIER.

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J.-Y. SPRINGAEL, PHU NGUYEN LE MINH, ENEKO URIZAR, SABINE COSTAGLIOLA, GILBERT VASSART and MARC PARMENTIER.

Allosteric modulation of binding properties between units of chemokine receptor homo- and hetero-oligomers.

Molecular Pharmacology, Vol. 69, pp. 1652-1661. **Impact Factor: 4,470.**

Prof. Dr. V. Timmerman.

K. COEN, D. PAREYSON, A. GRUMBACH, G. BUYSE, N. GOEMANS, K.G. CLEAYS, N. VERPOORTEN, M. LAURÁ, V. SCAIOLI, W. SALMHOFER, T.R. PIEBER, E. NELIS, P. DE JONGHE and V. TIMMERMAN.

Novel mutations in the *HSN2* gene causing hereditary sensory and autonomic neuropathy II

Neurology, Vol. Nr. 66, pp. 748-751. **Impact Factor: 5,690.**

J. IROBI, I. DIERICK, A. JORDANA, K.G. CLEAYS, P. DE JONGHE and V. TIMMERMAN.

Unraveling the genetics of distal hereditary motor neuronopathies

NeuroMolecular Medicine, Vol. 8, pp. 131-146. **Impact Factor: 4.070.**

A. JORDANA, J. IROBI, F.P.THOMAS, P. VAN DIJCK, K. MEERSCHAERT, M? DEWIL, I. DIERICK, A. JACOBS, E. DE VRIENDT, V. GUERGUELTCHEVA, C. V. RAO, I. TOURNEV, F. A.A. GONDIM, M. D'HOOGE, V. VAN GERWEN, P. CALLEARTS, L. VAN DEN BOSCH, J.P. TIMMERMANS, W. ROBBERECHT, J. GETTEMANS, J.M. THEVELEIN, P. DE JONGHE, I. KREMENSKY and V. TIMMERMAN.

Disrupted function and axonal distribution of mutant tyrosyl-tRNA synthetase in dominant intermediate Charcot-Marie-Tooth neuropathy.

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L. VAN DEN BOSCH and V. TIMMERMAN.

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K. VERHOEVEN, K.G.CLEAYS, S. ZÜCHER, J.M. SCHRÖDER, J. WEIS, C. CEUTERICK, A. JORDANA, E. NELIS, E. DE VRIENDT, M. VAN HUL, P. SEEMAN, R. MAZANEC, G.M.SAIFA, K.SZIGETA, P.MANCIAS, I. J. BUTLER, A. KOCHANSKI, B. RYNIEWICZ, J.DE BLEECKER, P. VAN DEN BERGH, C. VERELLEN, R. VAN COSTER, N. GOEMANS, M.AUERGRUMBACH, W. ROBBERECHT, ;V. MILIC RASIC, Y. NEVO, I. TOURNEV, V. GUERGUELTCHEVA, F. ROELENS, P. VIEREGGE, P.VINCI, M. T. MORENO, H-J CHRISTEN, M.E. SHY, J.R. LUPSKI, J.M. VANCE, P. DE JONGHE and V. TIMMERMAN.

MFN2 mutation distribution and genotype/phenotype correlation in Charcot-Marie-Tooth type 2 Brain, Vol. 129, pp. 2093-2102. **Impact Factor: 7.535.**

K. VERHOEVEN, V. TIMMERMAN, B. MAUKO, T.R.PIEBER, P. DE JONGHE and M. AUERGRUMBACH

Recent advances in hereditary sensory and autonomic neuropathies

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N. VERPOORTEN, K.G.CLEAYS, L. DEPREZ, A. JACOBS, V. VAN GERWEN, L. LAGAE, W. F. ARTS, L. DE MEIRLEIR, K. KEYMOLEN, C. CEUTERICK-DE GROOTE, P. DE JONGHE, V. TIMMERMAN and E. NELIS.

Novel frameshift and splice site mutations in the neurotrophic tyrosine kinase receptor type 1 gene (NTRK1) associated with hereditary sensory neuropathy type IV

Neuromuscular Disorder, Vol. 16, pp. 19-25. **Impact Factor: 3.340.**

S. ZÜCHNER, P. DE JONGHE, A. JORDANA, K.G. CLEAYS, V. GUERGUELTCHEVA, S. CHERNINKOVA, S. R. HAMILTON, G. VAN STAVERN, K.M. KRAJEWSKI, J. STAJICH, I. TOURNEV, K. VERHOEVEN, C.T. LANGERHORST, M .DE VISSER, F. BAAS, T. BIRD, V. TIMMERMAN, M. SHY and M. VANCE.

Axonal neuropathy with optic atrophy is caused by mutations in mitofusin 2

Annals of Neurology., Vol. 59, Nr. 2, pp. 276-281. **Impact Factor:7.571.**

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Novel mutations in the HSN2 gene causing hereditary sensory and autonomic neuropathy type II Neurology, Vol. 66, pp. 748-751. **Impact Factor: 5,690.**

Prof. Dr. Jan Tavernier

W. WAELPUT, D. BROUCKAERT, P. BROEKAERT and J. TAVERNIER.

A role for leptin in the Systematic Inflammatory Response Syndrome (SIRS) and in immune response-an update.

Current Medicinal Chemistry, Vol. 13, pp. 199-222. **Impact Factor: 4,900.**

F. PEELMAN, H. ISERENTANT, A-S. DE SMET, J. VANDEKERCKHOVE, L. ZABEAU and J. TAVERNIER.

Mapping of binding site III in the leptin receptor and modeling of a hexameric leptin receptor complex *

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Prof. Dr. R. Vandenberghe

M. VANDENBULCKE, R. PEETERS, K. FANNES and R. VANDENBERGHE.

Knowledge of visual attributes in the right hemisphere.

Nature Neurosciences, Vol. nr 9, Nr 7, pp. 964-970. **Impact Factor: 15,500.**

M. VANDENBULCKE, R. PEETERS, P. DUPONT, P. VAN HECKE and R. VANDENBERGHE.

Word reading and posterior temporal dysfunction in amnesic mild cognitive impairment.

Cerebral Cortex, Word Reading with MCI, pp. 1-10. **Impact Factor: 6,200.**

Prof. Dr. P. Vanderhaeghen

K.S. POLLARD, S.R. SALAMA, N. LAMBERT, M-A. LAMBOT, S. COPPENS, J. S. PEDERSEN, S. KATZMAN, B. KING, C. ONODERA, A. SIEPEL, A.D. KERN, C. DEHAY, H. IGEL, M. ARES Jr, D. HAUSSLER and P. VANDERHAEGHEN.

An RNA gene expressed during cortical development evolved rapidly in humans.

Nature, Vol. Nr. 443, pp. 167-172. **Impact Factor: 29.300.**

A. DUFOUR, J. EGEA, K. KULLANDER, R. KLEIN and P. VANDERHAEGHEN.

Genetic analysis of EphA-dependent signaling mechanisms controlling topographic mapping in vivo.

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