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**GESTEUND MET KREDIETEN VAN DE**

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ELISABETH**

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**VOLUME II**

**Prof. Dr. G. Orban.**

H. PEUSKENS, J. VAN RIE, K. VERFAILLIE and G. ORBAN

**Specificity of regions processing biological motion**

European Journal of Neuroscience, Vol. nr. 21, pp. 2864-2875. **Impact Factor: 3,949.**

**Prof. Dr. G. Orban, W. Vanduffel and R. Vogels**

K.NELISSEN, G. LUPPINO, W. VANDUFFEL, G. RIZZOLATTI and G.A. ORBAN.

**Observing others: multiple action representation in the frontal lobe**

Science Reprint, Vol. nr. 310, pp. 332-336. **Impact Factor : 30,927.**

H. SAWAMURA, S. GEORGIEVA, R. VOGELS, W. VANDUFFEL and G.A. ORBAN.

**Using functional magnetic resonance imaging to assess adaptation and size invariance of shape processing by humans and monkeys.**

The Journal of Neuroscience, Vol. nr. 25/17, pp. 4294-4306. **Impact Factor: 7,506**

**Prof. Dr. M. Parmentier**

J.A.J. BECKER, J.F. MIRJOLET, J. BERNARD, E. BURGEON, M.J. SIMONS, G. VASSART, F.LIBERT and M.. PARMENTIER.

**Activation of GPR54 promotes cell cycle arrest and apoptosis of human tumor cells through a specific transcriptional program not shared by other G<sub>q</sub>-coupled receptors.**

Biochemical and Biophysical Research Communications, Vol. nr. 326, pp. 677-686. **Impact Factor: 2,900**

L.EL-ASMAR, J.-Y. SPRINGAEL, S. BALLEET, E.U. ANDRIEU, G. VASSART and M. PARMENTIER.

**Evidence for negative binding cooperativity within CCR5-CCR2b heterodimers.**

Molecular Pharmacology, Vol. nr. 67/2, pp. 460-469. **Impact Factor: 5,100**

B. LAGANE, S. BALLEET, T. PLANCHENAU, K. BALABANIAN, E. LE POUL, C. BLANPAIN, Y. PERCHERANCIER, I. STAROPOLI, G. VASSART, M. OPPERMAN, F. BACHELERIE and M. PARMENTIER.

**Mutation of the DRY motif reveals different structural requirements for the CC chemokine receptor 5-mediated signaling and receptor endocytosis.**

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**The prolactin-releasing peptide antagonizes the opioid system through its receptor GPR10.**

Nature Neuroscience, Vol. nr. 8/12, pp. 1735-1741. **Impact Factor : 15,500.**

I. MIGEOTTE, E. RIBOLDI, J.-D. FRANSSSEN, F. GREGOIRE, C. LOISON, V. WITTAMER, M. DETHEUX, P. ROBBERECHT, S. COSTAGLIOLA, G. VASSART, S. SOZINNI, D. COMMUNI and M.PARMENTIER.

**Identification and characterization of an endogenous chemotactic ligand specific for FPRL2.**

Journal of Experimental Medicine, Vol. nr. 201/1, pp. 83-93. **Impact Factor: 14,600.**

W. VERMI, E. RIBOLDI, V. WITTAMER, F. GENTILLI, W. LUINI, S. MARRELLI, A. VECCHI, J.-D. FRANSSSEN, D. COMMUNI, L. MASSARDI, M. SIRONI, A. MANTOVANI, F. FACHETTI, S. SOZZANI and M. PARMENTIER.

**Role of ChemR23 in directing the migration of myeloid and plasmacytoid dendritic cells to lymphoid organs and inflamed skin.**

Journal of Experimental Medicine, Vol. nr. 201/4, pp. 509-515. **Impact Factor: 14,600.**

V. WITTAMER, B. BONDUE, A. GUILLABERT, G. VASSART, D. COMMUNI and M. PARMENTIER.

**Neutrophil-mediated maturation of chemerin : a link between innate and adaptive immunity.**  
The Journal of Immunology, Vol.nr. 175, pp. 487-493. **Impact Factor: 6,600.**

J.-Y. SPRINGAEL, E. URIZAR and M. PARMENTIER.

**Dimerization of chemokine receptors and its functional consequences.**  
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#### **Dr. Laurence Ris**

M. ANGELO, F. PLATTNER, B. CAPRON, M.L. ERRINGTON, T.V.P. BLISS, E. GODAUX, K.P. GIESE and L. RIS.

**Sexual dimorphisms in the effect of low-level p25 expression on synaptic plasticity and memory**  
European Journal of Neurosciences, Vol. 21, pp. 3023-3033. **Impact Factor: 8,306.**

#### **Prof. Dr. Jan Tavernier**

F. PEELMAN, H. ISERENTANT, S. EYKERMAN, L. ZABEAU and J. TARVERNIER.

**Leptin, Immune responses and autoimmune disease. Perspectives on the use of leptin Antagonists.**  
Current Pharmaceutical Design, Vol. 11, pp. 539-548. **Impact Factor: 5,600.**

H. ISERENTANT, F. PEELMAN, D. DEFEAU, J. VANDEKERCKHOVE, L. ZABEAU and J. TARVERNIER.

**Mapping of the interface between leptin and the leptin receptor CRNH2 domain.**  
Journal of Cell Science, Vol. 118, pp 2519-2527. **Impact Factor: 7,300.**

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**Leptin receptor activation depends on critical cysteine residues in its fibronectin type III subdomains.**

The Journal of Biological Chemistry, Vol. 280, Nr. 24, pp. 22632-22640.

#### **Prof. Dr. Vincent Timmerman**

G. KUHLENBÄUER, M.C. HANNIBAL, E. NELIS, A. SCHIRMACHER, N. VERPOORTEN, J. MEULEMAN, G.D.J. WATTS, E. DE VRIENDT, P. YOUNG, F. STÖGBAUER, H. HALFTER, J. IROBI, D. GOOSSENS, J. DEL-FAVERO, B. G.BETZ, H. HOR, G. KURLEMANN, T.D. BIRD, E.AIRAKSINEN, T. MONONEN, A. POU SERRADELL, J.M.PRATS, C. VAN BROECKHOVEN, P.DE JONGHE, V. TIMMERMAN, E. BERND RINGELSTEIN and P. F. CHNCE

**Mutations in *SEPT 9* gene cause hereditary neuralgic amyotrophy.**  
Nature Genetics, Vol. 37, Nr. 10, pp. 1044-1046. **Impact Factor: 25,797.**

S. ZÜCHNER, M. NOUREDDINE, M. KENNERSON, K. VERHOEVEN, K. CLAEYS, P. DE JONGHE, J. MERORY, S.A. OLIVEIRA, M.C. SPEER, J.E. STENGER, G. WALIZADA, D. ZHU, M. A. PERICAK-VANCE, G. NICHOLSEN, V. TIMMERMAN and J. M. VANCE.

**Mutations in the pleckstrin homology domain of dynamin 2 cause dominant intermediate Charcot-Marie-Tooth disease.**

Nature Genetics, Vol. 37, Nr. 3, pp. 289-294. **Impact Factor: 25,294.**

N. VER'POORTEN, K. VERHOEVEN, S. WECKX, A. JACOBS, S. SERNEELS, J. DEL FAVERO, C. CEUTERICK, D.R. VAN BOCKSTAELE, Z.N.BERNEMAN, L. VAN DEN BOSCH, W. ROBBERECHT, L. NOBBIO, A. SCHENOME, E. DESSAUD, O. DELAPEYRIÈRE, D. HUYLLEBROECK, A. ZWIJSEN, P. DE JONGHE and V. TIMMERMAN.

**Synaptopodin and 4 novel genes identified in primary sensory neurons**

Molecular and Cellular Neuroscience, Vol. 30, Nr. 3, pp. 316-325. **Impact factor: 4,641.**

**Prof. Dr. Christine Van Broeckhoven**

R. RADEMAKERS, J. VAN DER ZEE, S. KUMAR-SINGH, B. DERMAUT, M. CRUTS and C. VAN BROECKHOVEN.

**Chromosome 17-linked frontotemporal dementia with Ubiquitin-Positive, Tau-Negative inclusions.**

Genotype-phenotype relationships in neurodegenerative diseases. Springer: pp. 117-137.

R. RADEMAKERS, K. SLEEGERS, J. THEUNIS, M. VAN DEN BROECK, S.BEL. KACEM, L.G. NILSSON, R. ADOLFSSON, C.M.VAN DUIJN, C. VAN BROECKHOVEN and M. CRUTS.

**Association of cyclin-dependent kinase 5 and neuronal activators p35 and p39 complex in early-onset Alzheimer's disease.**

Neurobiology of Aging, Vol. 26, pp. 1145-1151. **Impact Factor: 5,312.**

**Prof.Dr. Rik Vandenberghe**

M. VANDENBULCKE, S. WEINTRAUB, N. JOHNSON, K. PORKE, C.K. THOMPSON, M. MESULAM and R. VANDENBERGHE.

**Paradoxical features of word finding difficulty in primary progressive aphasia.**

Annals of Neurology, Vol. nr. 57, Nr. 2, pp. 204-209. **Impact Factor: 8,097**

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

**Anterior temporal laterality in primary progressive aphasia shifts to the right.**

Annals of Neurology, Vol. nr. 58, Nr. 3, pp. 362-370. **Impact Factor: 8,097.**

**Prof. Dr. R. Vogels.**

G. KAYAERT, I. BIEDERMAN and R. VOGELS

**Representation of regular and irregular shapes in macaque inferotemporal cortex.**

Cerebral Cortex, Vol;nr. 15, pp. 1308-1321. **Impact Factor: 6,187.**

G. KAYAERT, I. BIEDERMAN, H.P. OP DE BEECK and R. VOGELS;

**Tuning for shape dimensions in macaque inferior temporal cortex.**

European Journal of Neuroscience, Vol. nr. 22, pp. 212-224. **Impact Factor: 3,949.**