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**prof. dr. E. De Schutter, prof. dr. P. Janssen,
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GESTEUND MET KREDIETEN VAN DE

**GENEESKUNDIGE STICHTING KONINGIN
ELISABETH**

2007

VOLUME II

Prof. Dr. Erik De Schutter

SOON-LIM SHIN, F.E.HOEBEEK, M. SCHONEVILLE, C.I. DE ZWEEUW, AD AERTSEN and E. DE SCHUTTER.

Regular patterns in cerebellar purkinje cell simple spike trains

Plos One, Issue 5, e485. **Impact Factor:**

SOON-LIM SHIN, S. ROTTER, A. AERTSEN and E. DE SCHUTTER.

Stochastic description of complex and simple spike firing in cerebellar purkinje cells

European Journal of Neuroscience, Vol. 25, pp. 785-794. **Impact Factor: 3,673.**

Prof. Dr. Peter Janssen

J.-B. DURAND, K. NELISSEN, O. JOLY, C. WARDAK, J.-T. TODD, J.FARLEY. NORMAN, W. VANDUFFEL, G. ORBAN and P. JANSSEN.

Anterior regions of monkey parietal cortex Process visual 3D shape

Neuron, Vol. 55, pp. 493-505. **Impact Factor: 13,410**

Prof. Dr. Jean-Noël Octave

C. FEYT, N. PIERROT, B. TASIAUX, J. VAN HEES, P. KIENLEN-CAMPARD, P. J. COURTOY and J.N. OCTAVE.

Phosphorylation of APP695 at Thr668 decreases γ -cleavage and extracellular A β .

Biochemical and Biophysical Research Communications, Vol. 357, pp;1004-1010.

Impact Factor: 3,400.

S.HUYSSSEUNE, P. KIENLEN-CAMPARD and J.N. OCTAVE.

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Prof. Dr. Marc Parmentier

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The role of chemerin in the colocalization of NK and dendritic cell subsets into inflamed tissues.

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D. SOHY, J.-Y SPRINGAEL and M. PARMENTIER.

Allosteric transinhibition by specific antagonists in CCR2/CXCR4 heterodimers.

Journal Biological Chemistry, Vol. 282(41), pp. 30062-30069. **Impact Factor: 5,600.**

J. Y. SPRINGAEL, C. DE POORTER, X. DEUPI, J. VAN DAMME, L. PARDO and M. PARMENTIER.

The activation mechanism of chemokine receptor CCR5 involves common structural changes but a different network of interhelical interactions relative to rhodopsin.

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J.Y. SPRINGAEL, E. URIZAR, S. COSTAGLIOLA, G. VASSART and M. PARMENTIER.

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Prof. Dr. Serge N. Schiffmann

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Impact Factor: 9,64.

Note: S.N. Schiffmann and Guy Cheron contributed equally to this study).

With a comment from the Editor: Purkinje cell abnormalities in fetal alcohol syndrome, *Proc. Ntl. Acad. Sci. USA*, 104: 9547-9548.

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Prof. Dr. Vincent Timmerman

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Peripheral nerve demyelination caused by a mutant Rho GTPase guanine nucleotide exchange factor, Frabin/GFD4

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Human Mutation, Vol. 28(8), pp. 830 (PMID 17623484). **Impact factor: 6,273.**

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Genotype-phenotype analysis in patients with giant axonal neuropathy (GAN)

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Prof. Dr. Wim Vanduffel

J.B. DURAND, K. NELISSEN, C. WARDAK, O. JOLY, J. T. TODD, J.F. NORMAN, P. JANSSEN, G. ORBAN and W. VANDUFFEL.

Anterior regions of monkey parietal cortex process visual 3D shape.

Neuron, Vol. 55, pp. 493-505. **Impact Factor: 13,410.**

Prof. Dr. Rufin Vogels

W. DE BAENE, E. PREMEREUR and R. VOGELS.

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Journal of Neurophysiology, Vol. 97, pp. 2900-2916. **Impact factor: 3,680.**

RUFIN VOGELS.

Representation of response categories in visual cortex.

Neuron, Vol. 54, pp. 181-183. **Impact Factor: 13,410.**

H.P. OP DE BEECK, J. WAGEMANS and R. VOGELS.

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