

**PUBLICATIES VAN DE UNIVERSITAIRE
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**prof. dr A. Goffinet,
prof. dr. P. Maquet, prof. dr Y. Michotte,
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**GESTEUND MET KREDIETEN VAN DE
GENEESKUNDIGE STICHTING KONINGIN
ELISABETH**

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VOLUME I

Prof. Dr. André Goffinet

Y. JOSSIN and A.M. GOFFINET

Reelin signals through phosphatidylinositol 3-Kinase and akt to control cortical development and through mTor to regulate dendritic growth.

Molecular and Cellular Biology, Vol. 27, nr. 20, pp. . **Impact Factor: 6.77**

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

Processing of reelin by embryonic neurons is important for function in tissue but not in dissociated cultured neurons.

The Journal of Neuroscience, Vol. 27, nr. 16, pp. 4243-4252. **Impact Factor: 7.45**

Prof. Dr. Pierre Maquet

G. ALBOUY, P. RUBY, C. PHILLIPS, A. LUXEN, P. PEIGNEUX and P. MAQUET.

Implicit oculomotor sequence learning in humans: time course of offline processing.

Brain Research, Vol. 1090, pp.163-171. **Impact Factor: 2,341.**

A. D'ARGEMBEAU, P. RUBY, F. COLLETTE, C. DEGUELDRE, E. BALTEAU, A. LUXEN, E. SALMON and P. MAQUET.

Distinct regions of the medial prefrontal cortex are associated with self-referential processing and perspective taking.

Journal of Cognitive Neuroscience, Vol. 19, nr. 6, pp. 1-10. **Impact Factor: 5,197.**

T. THANH DANG-VU, M. DESSEILLES, D. PETIT, S. MAZZA, J. MONTPLAISIR and P. MAQUET.

Neuroimaging in sleep medicine

Sleep Medicine, Vol. 8, pp. 350-373. **Impact factor : 2,795.**

G. VANDEWALLE, S. GAIS, M. SCHALBUS, E. BALTEAU, J. CARRIER, A. DARSAUD, V. STERPENICH, G. ALBOUY, D.J. DIJK and P. MAQUET.

Wavelength-dependent modulation of brain responses to a working memory task by daytime light exposure.

Cerebral Cortex, Vol. 6, pp. 1-8. **Impact Factor: 6,519.**

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Sleep transforms the cerebral trace of declarative memories.

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Hemodynamic cerebral correlates of sleep spindles during human non-rapid eye movement sleep.

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Sleep-related hippocampo-cortical interplay during emotional memory recollection

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Prof. dr. Yvette Michotte.

K. LANCKMANS, S. SARRE, I. SMOLDERS and Y. MICHOTTE.

Use of a structural analogue versus a stable isotope labeled internal standard for the quantification of angiotensin IV in rat brain dialysates using nano-liquid chromatography/tandem mass spectrometry.

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Small potent ligands to the insulin-regulated aminopeptidase (IRAP)/AT(4) receptor.

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Prof. dr. Etienne Olivier

M. DAVARE, M. ANDRES, E. CLERGET, J.-L. THONNARD and E. OLIVIER.

Temporal dissociation between hand shaping and grip force scaling in the anterior intraparietal area.

The Journal of Neuroscience, Vol. 27, nr. 15, pp. 3974-3980. **Impact Factor: 7,45.**

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Contribution of hand motor circuits to counting.

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Dr Laurence Ris

B. CAPRON, R. WATTIEZ, C. SINDIC, E. GODAUX and L. RIS.

Tyrosine phosphorylation of rabphilin during long-lasting long-term potentiation.

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K. MIZUMO, A. ANTUNES-MARTINS, M. PETERS, K.P. GIESE, E. GODAUX and L. RIS.
Calcium/calmodulin kinase kinase β has a male-specific role in memory formation.
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E. GODAUX and L. RIS.
Synapse specificity of long-term potentiation breaks down with aging.
Learning and Memory, Vol. 14, pp. 185-189. **Impact Factor: 4,00.**

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Involvement of hyperpolarization-activated cation channels in synaptic modulation.
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