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Prof. Dr. Peter JANSSEN

BRAM-ERNST, RUFIN VOGELS and PETER JANSSEN

Synchronization between the end stages of the dorsal and the ventral visual stream
The Journal of Neurophysiology, Vol. 105, pp. 2030-2042. **Impact Factor: 3.500.**

ELSIE PREMEREUR, WIM VANDUFFEL and PETER JANSSEN.

Functional heterogeneity of macaque lateral intraparietal neurons.
The Journal of Neuroscience, Vol. 31, Nr. 34, pp. 12307-12317. **Impact Factor: 7.000.**

Prof. Dr. Danny HUYLEBROECK

CONIDI A., CAZZOLA S., BEETS K, CODDENS K, COLLART C, CORNELIS F, COX L, DEBRUYN J, DOBREVA MP, DRIES R, ESGUERRA C, FRANCIS A, IBRAHIMI A, KROES R, LESAGE F, MAAS E, MOYA I, PEREIRA PNG, STAPPERS E, STRYJEWSKA A, VAN DEN BERGHE V, VERMEIRE L, VERSTAPPEN G, SEUNTJENS E, UMANS L, ZWIJSEN A, HUYLEBROECK D.

Few Smad proteins and many Smad-interacting proteins yield multiple functions and action modes in TGF β /BMP signaling in vivo.
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Prof. Dr. Wim VANDUFFEL

KOEN NELISSEN and WIM VANDUFFEL

Grasping-related functional magnetic resonance imaging brain responses in the macaque monkey.
The Journal of Neuroscience, Vol. 31, Nr. 22, pp. 8220-8229. **Impact factor: 7,271.**

ELSIE PREMEREUR , PETER JANSSEN and WIM VANDUFFEL.

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The Journal of Neurosciences, Vol. 31, Nr. 34, pp. 12307-12317. **Impact Factor: 7,271.**

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Transcranial magnetic stimulation of macaque frontal eye fields decreases saccadic reaction time.
Exp. Brain Research, Vol. 212, pp. 143-152. **Impact Factor: 2.665.**

Prof. Dr. Rufin VOGELS

GEERT KAYAERT, JOHAN WAGEMANS and RUFIN VOGELS.

Encoding of complexity, shape, and curvature by macaque infero-temporal neurons
Frontiers in Systems Neuroscience, Vol. 5, Nr.5, pp. 1-16. **Impact Factor: none**

JORIS VANGENEUGDEN, PATRICK A. DE MAZIÈRE, MARC M. VAN HULLE, TOBIAS JAEGGLI, LUC VAN GOOL and RUFIN VOGELS.

Distinct mechanisms for coding of visual actions in macaque temporal cortex.
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BRAM-ERNST VERHOEF, RUFIN VOGELS and PETER JANSSEN

Synchronization between the end stages of the dorsal and the ventral visual stream.
Journal of Neurophysiology, Vol. 105, pp. 2030-2042. **Impact factor: 3.700.**

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Genetic and clinical features of progranulin-associated frontotemporal lobar degeneration.
Archives of Neurology, Vol. 68, Nr.4,pp. 488-497. **Impact Factor: 7.584.**

CAPELL,A., LIEBSCHER,S., FELLERER,K., BROUWERS,N., WILLEM,M., LAMMICH,S., GIJSELINCK,I., BITTNER,R.A., CARLSON,A.M., SASSE,F., KUNZE,B., STEINMETZ,H., JANSEN,R., DORMANN,D., SLEEGERS,K., **CRUTS,M.**, HERMS,J, VAN BROECKHOVEN,C., HAASS,C.:

Rescue of progranulin deficiency associated with frontotemporal lobar degeneration by alkalizing reagents and inhibition of vacuolar ATPase.
Journal of Neuroscience, Vol. 31, Nr.5, pp. 1885-1894. **Impact Factor: 7.115.**

VAN DER ZEE,J., VAN LANGENHOVE,T., KLEINBERGER,G., SLEEGERS,K., ENGELBORGH,S., VANDENBERGHE,R., SANTENS,P., VAN DEN BROECK,M., JORIS,G., BRY,S,J., MATTHEIJSENS,M., PEETERS,K., CRAS,P., DE DEYN,P.P., **CRUTS,M.**, VAN BROECKHOVEN, C.

TMEM106B a novel risk factor for frontotemporal lobar degeneration in a clinically diagnosed patient cohort.

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Impact Factor: 2.504.

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The role of mutant TAR DNA-binding protein 43 in amyotrophic lateral sclerosis and frontotemporal lobar degeneration.

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Prof. Dr. Vincent TIMMERMAN

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Targeted high-throughput sequencing identifies mutations in *atlastin-1* as a cause of hereditary sensory neuropathy type 1

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Reduced penetrance in hereditary motor neuropathy caused by *TRPV4* arg269Cys mutation.

Journal of Neurology, Vol. 258, pp. 1413-1421. **Impact Factor: 3.853.**

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Prof. Dr. Christine VAN BROECKHOVEN

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PIRICI,D., VAN CAUWENBERGHE,C., **VAN BROECKHOVEN,C.**, KUMAR-SINGH,S.

Fractal analysis of amyloid plaques in Alzheimer's disease patients and mouse models.

Neurobiology of Aging, Vol. 32, Nr. 9, pp. 1579-1587. **Impact Factor: 6.189.**

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