



Geneeskundige Stichting Koningin Elisabeth  
Fondation Médicale Reine Elisabeth  
Königin-Elisabeth-Stiftung für Medizin

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## PUBLICATIONS OF THE RESEARCH GROUPS

***Prof. dr. Veerle Baekelandt  
(KU Leuven)***

***Prof. dr. Ir. Simon De Meyer, PhD  
(KU Leuven)***

***Prof. dr. Wim Vandenberghe, MD, PhD  
(KU Leuven)***

***Prof. dr. Geert van Loo, PhD  
(UGent)***

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**2019**

**VOLUME III**

### **Prof. dr. Veerle Baekelandt, PhD – Publications 2019**

PERALTA RAMOS JM, IRIBARREN P, BOUSSET L, MELKI R, BAEKELANDT V, VAN DER PERREN A (2019)  
***“Peripheral inflammation regulates CNS immune surveillance through the recruitment of inflammatory monocytes upon systemic  $\alpha$ -synuclein administration”.***  
***Frontiers in Immunology***, 10:80. (IF 5.5)

TORRE-MURUZABAL T, DEVOGHT J, VAN DEN HAUTE C, BRÔNE B, VAN DER PERREN A, BAEKELANDT V. (2019)  
***“Chronic nigral neuromodulation aggravates behavioral deficits and synaptic changes in an  $\alpha$ -synuclein based rat model for Parkinson's disease”.***  
***Acta Neuropathol Commun.***; 7(1):160 (IF 5.9)

### **Prof. dr. Ir. Simon De Meyer, PhD - 2019**

DENORME, F., VANHOORELBEKE, K., DE MEYER, S. WITH DE MEYER, S. (CORRESP. AUTHOR) (2019).  
***“von Willebrand Factor and Platelet Glycoprotein Ib: A Thromboinflammatory Axis in Stroke.”***  
***Frontiers In Immunology***, **10** (2884), Art.No. 2884. doi: [10.3389/fimmu.2019.02884](https://doi.org/10.3389/fimmu.2019.02884)  
 Impact factor: 5.090. [Open Access](#)

STAESSENS, S., FITZGERALD, S., ANDERSSON, T., CLARENCON, F., DENORME, F., GOUNIS, M.J., HACKE, W., LIEBESKIND, D.S., SZIKORA, I., VAN ES, A.C G M., BRINJIKJI, W., DOYLE, K.M., DE MEYER, S.F. (2019).  
***“Histological stroke clot analysis after thrombectomy: Technical aspects and recommendations.”***  
***International Journal Of Stroke***, 15 (5), Art.No. UNSP 1747493019884527, 467-476.  
 doi: [10.1177/1747493019884527](https://doi.org/10.1177/1747493019884527)  
 Impact factor: 4.880 .[Open Access](#)

LARIDAN, E., MARTINOD, K., DE MEYER, S.F. (2019).  
***“Neutrophil Extracellular Traps in Arterial and Venous Thrombosis”.***  
***Seminars In Thrombosis And Hemostasis***, 45 (1), 86-93. doi: [10.1055/s-0038-1677040](https://doi.org/10.1055/s-0038-1677040)  
 Impact factor: 2.890. [Open Access](#)

### **Prof. dr. Wim Vendenberghe, MD, PhD – Publications 2019**

FIEKE WAUTERSA\*, TOM CORNELISSEN A\*, DORIEN IMBERECHTSA, SHAUN MARTINB, BRIANADA KOENTJOROC, CAROLYN SUEC, PETER VANGHELUWEB, AND WIM VANDENBERGHEA,D  
***“LRRK2 mutations impair depolarization-induced mitophagy through inhibition of mitochondrial accumulation of RAB10”***  
***Autophagy***, ISSN: 1554-8627 (Print) 1554-8635 (Online) Journal homepage: <https://www.tandfonline.com/loi/kaup20>  
 Impact factor: 9.800

### **Prof. dr. Geert van LOO, PhD – Publications 2019**

PRIEM, D., DEVOS, M., DRUWÉ, S., MARTENS, A., SLOWICKA, K., TING, A. T., PASPARAKIS, M., DECLERQ, W., VANDENABEELE, P., **VAN LOO, G.** AND BERTRAND, M. (2019)  
***“A20 protects cells from TNF-induced apoptosis through linear ubiquitin-dependent and -independent mechanisms.”***  
***Cell Death Dis.***, 10(10), 692. (IF : 6.0)

MARTENS, A. AND **VAN LOO, G.** (2019)  
***“A20 phosphorylation controls A20 function”.***  
***Nat. Immunol.***, 20(10), 1261-1262. (IF : 21.81)

MARTENS, A. AND VAN LOO, G. (2019)

***“A20 at the crossroads of cell death, inflammation and autoimmunity”.***

***Cell Death and Survival***, 2nd ed. Cold Spring Harb. Perspect. Biol., Cold Spring Harbor Press, 12(1).

(IF : 9.25)

SERRAMITO-GÓMEZ, I., BOADA-ROMERO, E., SLOWICKA, K., VEREECKE, L., VAN LOO, G. AND PIMENTEL-MUIÑOS, F.X. (2019)

***“The anti-inflammatory protein TNFAIP3/A20 binds the WD40 domain of ATG16L1 to control the autophagic response, NF-κB activation and intestinal homeostasis.”***

***Autophagy***, 15(9), 1657-1659. (IF : 11.1)

VOET, S., SRINIVASAN, S., LAMKANFI, M. AND VAN LOO, G. (2019)

***“Inflammasomes in neuroinflammatory and neurodegenerative diseases”.***

***EMBO Mol. Med.***, 11(6). (IF : 10.29) and **grant from the CBC Bank**

SLOWICKA, K., SERRAMITO-GÓMEZ, I., BOADA-ROMERO, E., MARTENS, A., SZE, M., PETTA, I., VIKKULA, H.K., DE RYCKE, R., PARTHOENS, E., LIPPENS, S., SAVVIDES, S.N., WULLAERT, A., VEREECKE, L., PIMENTEL-MUIÑOS, F.X., VAN LOO, G. (2019)

***“Physical and functional interaction between A20 and ATG16L1-WD40 domain in the control of intestinal homeostasis”.***

***Nat. Commun.***, 10 (1), 1834. (IF : 12.35)

POLYKRATIS, A., MARTENS, A., EREN, O., SHIRASAKI, Y., YAMAGISHI, M., YAMAGUCHI, Y., UEMURA, S., MIURA, M., KOLLIAS, G., ARMAKA, M.\*, VAN LOO, G.\* AND PASPARAKIS, M.\* (2019)

***“A20 prevents inflammasome-dependent arthritis by inhibiting macrophage necroptosis through its ZnF7 ubiquitin binding domain”.***

***Nat. Cell Biol.***, 21, 731-742. (\*equally contributed) (IF : 19.06)

VOET, S., PRINZ, M. AND VAN LOO, G. (2019)

***“Microglia in central nervous system inflammation and multiple sclerosis pathology”.***

***Trends in Molecular Medicine***, 25 (2), 112-123. (IF : 11.0)

HOSTE, E., VAN HOVE, L., VIKKULA, H.K., ROELANDT, R., DECLERCQ, W., FUENTES, I., PALLISON, F., GONZALEZ, S., SALAS-ALANIS, J.C., HUEBENER, P., SCHWABE, R.F. AND VAN LOO, G. (2019)

***“Epithelial HMGB1 delays skin wound healing and drives tumor initiation by priming neutrophils for NET formation”.***

***Cell Rep.***, 29(9), 2689-2701. (IF : 7.82) and **grant from the CBC Bank**

C. DAEMS , M. SEKULIC , V. VULSTEKE , G. VAN LOO , R. D’HOOGHE , Z. CALLAERTS-VEGH and P. CALLAERTS

***“A20/TNFAIP3 heterozygosity predisposes to behavioral symptoms in a mouse model for neuropsychiatric lupus”***

***Brain Behavior, & Immunity Health***, <https://doi.org/10.1016/j.bbih.2019.100018>

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