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Kim, JS, Kolesnikov, M, Peled-Hajaj, S, Scheyltjens, I, Xia, Y, Trzebanski, S, Haimon, Z, Shemer, A, Lubart, A, Van Hove, H, Chappell-Maor, L, Boura-Halfon, S, Movahedi, K, Blinder, P, Jung, S.  
**A Binary Cre Transgenic Approach Dissects Microglia and CNS Border-Associated Macrophages**  
*Immunity* 54, 176-190, 2021. (Epub 2020 Dec 16)



Lodder, C, Scheyltjens, I, Stancu, IC, Botella Lucena, P, Gutierrez de Rave, M, Vanherle, S, Vanmierlo, T, Cremers, N, Vanrusselt, H, Brone, B, Hanseeuw, B, Octave, JN, Bottelbergs, A, Movahedi, K, Dewachter, I.

**CSF1R inhibition rescues tau pathology and neurodegeneration in an A/T/N model with combined AD pathologies, while preserving plaque associated microglia**  
*Acta Neuropathol Commun* 9, 108, 2021. (Epub 2021 Jun 8)



Pombo Antunes, AR, Scheyltjens, I, Lodi, F, Messiaen, J, Antoranz, A, Duerinck, J, Kancheva, D, Martens, L, De Vlaminck, K, Van Hove, H, Kjolner Hansen, SS, Bosisio, FM, Van der Borght, K, De Vleeschouwer, S, Sciot, R, Bouwens, L, Verfaillie, M, Vandamme, N, Vandenbroucke, RE, et al..

**Single-cell profiling of myeloid cells in glioblastoma across species and disease stage reveals macrophage competition and specialization**  
*Nat Neurosci* 24, 595-610, 2021. (Epub 2021 Mar 29)



Van Damme, H, Dombrecht, B, Kiss, M, Roose, H, Allen, E, Van Overmeire, E, Kancheva, D, Martens, L, Murgaski, A, Bardet, PMR, Blancke, G, Jans, M, Bolli, E, Martins, MS, Elkrin, Y, Dooley, J, Boon, L, Schwarze, JK, Tacke, F, Movahedi, K, Vandamme, N, Neyns, B, Ocak, S, Scheyltjens, I, Vereecke, L, Nana, FA, Merchiers, P, Laoui, D, Van Ginderachter, JA.

**Therapeutic depletion of CCR8(+) tumor-infiltrating regulatory T cells elicits antitumor immunity and synergizes with anti-PD-1 therapy**  
*J Immunother Cancer* 9, e001749, 2021. (Epub 2021 Feb)



Pombo Antunes, AR, Scheyltjens, I, Duerinck, J, Neyns, B, Movahedi, K, Van Ginderachter, JA.  
**Understanding the glioblastoma immune microenvironment as basis for the development of new immunotherapeutic strategies**

*Elife* 9, e52176, 2020. (Epub 2020 Feb 4)



Shemer, A, Scheyltjens, I, Frumer, GR, Kim, JS, Grozovski, J, Ayanaw, S, Dassa, B, Van Hove, H, Chappell-Maor, L, Boura-Halfon, S, Leshkowitz, D, Mueller, W, Maggio, N, Movahedi, K, Jung, S.  
**Interleukin-10 Prevents Pathological Microglia Hyperactivation following Peripheral Endotoxin**

## Challenge

**Immunity** 53, 1033-1049 e7, 2020. (Epub 2020 Oct 12)



Van Hove, H, Pombo Antunes, AR, De VlamincK, K, Scheyltjens, I, Van Ginderachter, JA, Movahedi, K.  
**Identifying the variables that drive tamoxifen-independent CreERT2 recombination: Implications for microglial fate mapping and gene deletions**

**Eur J Immunol** 50, 459-463, 2020. (Epub 2019 Nov 30)



Van Hove, H, Martens, L, Scheyltjens, I, De VlamincK, K, Pombo Antunes, AR, De Prijck, S, Vandamme, N, De Schepper, S, Van Isterdael, G, Scott, CL, Aerts, J, Berx, G, Boeckxstaens, GE, Vandenbroucke, RE, Vereecke, L, Moechars, D, Guilliams, M, Van Ginderachter, JA, Saeys, Y, Movahedi, K.

**A single-cell atlas of mouse brain macrophages reveals unique transcriptional identities shaped by ontogeny and tissue environment**

**Nat Neurosci** 22, 1021-1035, 2019. (Epub 2019 May 6)



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