

Publications

http://www.tki.unibe.ch/research/research_groups/giuseppe_locatelli/selected_publications/index_eng.html

2019

Jordão JC, Brendecke SM, Sankowski R, Sagar, Locatelli G, Yi-Heng T, Tay TL, Schramm E, Armbruster S, Hagemeyer N, Çiçek O, Falk T, Mai D, Martin Kerschensteiner M, Grün D and Prinz M, Single-cell profiling of the myeloid cell compartment identifies new cell populations with distinct fates during neuroinflammation, under press in Science;

2018

Locatelli G, Theodorou D, Jordao MJ, Staszewski O, Dagkalis A, Bessis A, Prinz M and Kerschensteiner M., Nature Neuroscience 1-3, 2018, Mononuclear phagocytes locally specify and adapt their phenotypes in the inflamed central nervous system. <https://www.nature.com/articles/s41593-018-0212-3>

2016

Goldmann, Tobias; Wieghofer, Peter; Jordão, Marta Joana Costa; Prutek, Fabiola; Hagemeyer, Nora; Frenzel, Kathrin; Amann, Lukas; Staszewski, Ori; Kierdorf, Katrin; Krueger, Martin; Locatelli, Giuseppe; Hochgerner, Hannah; Zeiser, Robert; Epelman, Slava; Geissmann, Frederic; Priller, Josef; Rossi, Fabio M V; Bechmann, Ingo; Kerschensteiner, Martin; Linnarsson, Sten; ... (2016). *Origin, fate and dynamics of macrophages at central nervous system interfaces*. Nature immunology, 17(7), pp. 797-805. Nature Publishing Group [10.1038/ni.3423](https://doi.org/10.1038/ni.3423)

Fujikawa, Yuuta; Roma, Leticia P; Sobotta, Mirko C; Rose, Adam J; Diaz, Mauricio Berriel; Locatelli, Giuseppe; Breckwoldt, Michael O; Misgeld, Thomas; Kerschensteiner, Martin; Herzig, Stephan; Müller-Decker, Karin; Dick, Tobias P (2016). *Mouse redox histology using genetically encoded probes*. Science signaling, 9(419), rs1. American Association for the Advancement of Science [10.1126/scisignal.aad3895](https://doi.org/10.1126/scisignal.aad3895)

2015

Locatelli, Giuseppe; Baggiolini, Arianna; Schreiner, Bettina; Palle, Pushpalatha; Waisman, Ari; Becher, Burkhard; Buch, Thorsten (2015). *Mature oligodendrocytes actively increase in vivo cytoskeletal plasticity following CNS damage*. Journal of neuroinflammation, 12(62), p. 62. BioMed Central [10.1186/s12974-015-0271-2](https://doi.org/10.1186/s12974-015-0271-2)

Schreiner, Bettina; Ingold-Heppner, Barbara; Pehl, Debora; Locatelli, Giuseppe; Berrit-Schönthaler, Helia; Becher, Burkhard (2015). *Deletion of Jun proteins in adult oligodendrocytes does not perturb cell survival, or myelin maintenance in vivo*. PLoS ONE, 10(3), e0120454. Public Library of Science [10.1371/journal.pone.0120454](https://doi.org/10.1371/journal.pone.0120454)

2012

Locatelli, Giuseppe; Wörtge, Simone; Buch, Thorsten; Ingold, Barbara; Frommer, Friederike; Sobottka, Bettina; Krüger, Martin; Karram, Khalad; Bühlmann, Claudia; Bechmann, Ingo; Heppner, Frank L; Waisman, Ari; Becher, Burkhard (2012). *Primary oligodendrocyte death does not elicit anti-CNS immunity*. Nature neuroscience, 15(4), pp. 543-550. Nature America [10.1038/nn.3062](https://doi.org/10.1038/nn.3062)