

PUBLICATIONS

Comprehensive research output link: <https://pubmed.ncbi.nlm.nih.gov/?term=Pikor+N>

Original articles (last five years):

Pikor NB, Mörbe U, Lütge M, Gil-Cruz C, Perez-Shibayama C, Novkovic M, Cheng HW, Nombela-Arrieta C, Nagasawa T, Linterman MA, Onder L, and Ludewig B. 2020. Remodeling of light and dark zone follicular dendritic cells governs germinal center responses. *Nat. Immunol.* 21(6): 649 – 659.

Ward LA, Lee DS, Sharma A, Wang A, Naouar I, Ma XI, **Pikor N**, Nuesslein-Hildesheim B, Ramaglia V, and Gommerman JL. 2020. Siponimod therapy implicates Th17 cells in a preclinical model of subpial cortical injury. *JCI Insight.* Jan. 16; 5(1):e132522.

Lercher A, Bhattacharya A, Popa AM, Caldera M, Schlapansky MF, Baazim H, Agerer B, Gürtl B, Kosack L, Májek P, Brunner JS, Vitko D, Pinter T, Genger JW, Orlova A, **Pikor N**, Reil D, Ozsvár-Koyma M, Kalike U, Ludewig B, Moriggl R, Bennett KL, Menche K, Cheng PN, Schabbauer G, Trauner M, Klavins K, and Bergthaler A. 2019. Type I interferon signaling disrupts hepatic urea cycle and alters systemic metabolism to suppress T cell function. *Immunity.* Dec. 17; 51(6):1074-1087.e.9.

Berner F, Bomze D, Diem S, Ali OH, Fässler M, Ring S, Niederer R, Ackermann CJ, Baumgaertner P, **Pikor N**, Cruz CG, van de Veen A, Akdis M, Nikolaev S, Läubli H, Zippelius A, Hartmann F, Cheng HW, Hönger G, Recher M, Goldman J, Cozzio A, Früh M, Neefjes J, Driessen C, Ludewig B, Hegazy AN, Jochum W, Speiser DE, and Flatz L. 2019. Association of checkpoint inhibitor-induced toxic effects with shared cancer and tissue antigens in non-small cell lung cancer. *JAMA Oncol.* Jul 1;5(7):1043-1047.

Cheng HW, Onder L, Novkovic M, Sonesson C, Lütge M, **Pikor N**, Scandella E, Robinson MD, Miyazaki Ji, Tersteegen A, Sorg U, Pfeffer K, Rüllicke T, Hehlhans T, and Ludewig B. 2019. Origin and differentiation trajectories of fibroblastic reticular cells in the splenic white pulp. *Nature Communications.* Apr 15; 10(1):1739.

Cheng HW, Onder L, Cupovic J, Boesch M, Novkovic M, **Pikor N**, Tarantino I, Rodriguez R, Schneider T, Jochum W, Brutsche M, and Ludewig B. 2018. CCL19-producing fibroblastic stromal cells restrain lung carcinoma growth by promoting local antitumor T-cell responses. *J Allergy Clin Immunol.* 142(4): 1257-1271.

Onder L, Mörbe U, **Pikor N**, Novkovic M, Cheng HW, Hehlhans T, Pfeffer K, Becher B, Waisman A, Rüllicke T, Gommerman J, Mueller CG, Sawa S, Scandella E, and Ludewig B.

2017. Lymphatic endothelial cells control initiation of lymph node organogenesis. *Immunity*. 18;47(1)80-92.

Pikor NB, Astarita JL, Summers-Deluca L, Galicia G, Qu J, Ward LA, Armstrong S, Dominguez CX, Malhorta D, Heiden B, Kay R, Castanov V, Touil H, Boon L, O'Connor P, Bar-Or A, Prat A, Ramaglia V, Ludwin S, Turley SJ, and Gommerman JL. 2015. Integration of Th17- and Lymphotoxin-derived signals initiates meningeal-resident stromal cell remodeling to propagate neuroinflammation. *Immunity*. 43(6):1160-73.

Reviews (last five years):

Grabherr, S., Ludewig B., and **Pikor, NB**. Murine coronaviruses as a model for SARS-CoV-2. [European Journal of Immunology, invited review]

Pikor NB, Cheng HW, Onder L, and Ludewig B. 2020. Development and immunological function of lymph node stromal cells. *J. Immunol.* (In press)

Pikor NB, Cupovic J, Onder L, Gommerman JL, and Ludewig B. 2017. Stromal cell niches in the inflamed central nervous system. *J. Immunol.* 198(5):1775-1781.

Pikor NB, Prat A, Bar-Or A, and Gommerman JL. 2016. Meningeal tertiary lymphoid tissues and Multiple Sclerosis: A gathering place for diverse types of immune cells during CNS autoimmunity. *Front Immunol.* 6:657

Michel L, Touil H, **Pikor NB**, Gommerman JL, Prat A, and Bar-Or A. 2015. B cells in the Multiple Sclerosis Central Nervous System: Trafficking and contribution to CNS-compartmentalized inflammation. *Front Immunol.* 6:636