Research Output – Natalia Pikor, PhD

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

1. Publications in peer-reviewed scientific journals

De Martin, A., Stanossek, Y., Pikor, NB, and Ludewig, B. 2024. Protective fibroblastic niches in secondary lymphoid organs. *J Exp Med.* Jan 1,221(1):e20221220.

Lütge M., De Martin A., Gil-Cruz C., Perez-Shibayama C., Stanossek Y., Onder L., Cheng H.W., Kurz L., Cadosch N., Soneson C., Robinson MD., Stoeckli SJ., Ludewig B., Pikor NB. 2023. Conserved stromal-immune cell circuits secure B cell homeostasis and function. *Nature Immunology*. May 24(7): 1149-1160.

De Martin, A., Stanossek, Y., Lütge, M., Cadosch, N., Onder, L., Cheng, H.-W., Brandstadter, J., Maillard, Y., Stoeckli, S. J., Pikor, N. B., & Ludewig, B. 2023. PI16+ reticular cells in human palatine tonsils govern T cell activity in distinct subepithelial niches. *Nature Immunology*. May 24(7): 1138-1148.

Grabherr S., Waltenspühl A., Büchler L., Lütge M. Cheng H.W., Caviezel-Firner S., Ludewig B., Krebs P., and Pikor NB. 2023. An innate checkpoint determines immune dysregulation and immunopathology during pulmonary murine coronavirus infection. *Journal of Immunology*. Mar 15; 210(6):774-785.

Schmiedeberg K, Abela IA, Pikor NB, Vuilleumier N, Schwarzmueller M, Epp S, Pagano S, Grabherr S, Patterson AB, Nussberger M, Trkola A, Ludewig B, von Kempis J, Rubbert-Roth A. 2022. Postvaccination anti-S IgG levels predict anti-SARS-CoV-2 neutralising activity over 24 weeks in patients with RA. *RMD Open*. 8(2):e002575.

Lütge M., Pikor, NB., and Ludewig B. 2021. Differentiation and activation of fibroblastic reticular cells. *Immunological Reviews*. 302(1): 32-46.

Grabherr S., Ludewig B., and Pikor NB. 2021. Insights into coronavirus immunity taught by the mouse hepatitis virus. *Eur J Immunol.*, Eur J Immunol. Mar 9. doi: 10.1002/eji.202048984.

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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.

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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.

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Pikor NB*, deLuca, LE.*, O'Leary J, Galicia-Rosas G, Ward LA, Defreitas D, Finlay TM, Ousmann SS, Osborne LR, and Gommerman Jl. 2010. Substrain differences reveal novel disease-modifying gene candidates that alter the clinical course of a rodent model of Multiple Sclerosis. *J Immunol.* 184(6):3174 – 3185. (*equal contribution)