

Curriculum vitae

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Ausbildung

seit 11/2020 **Post-Doc** in der Arbeitsgruppe von Prof. Dr. C. Schramm, I. Medizinische Klinik und Poliklinik, Universitätsklinikum Hamburg-Eppendorf, Hamburg

06/2016 – 11/2020 **Doktorand und wissenschaftlicher Mitarbeiter** in der Arbeitsgruppe von Prof. Dr. C. Schramm, I. Medizinische Klinik und Poliklinik, Universitätsklinikum Hamburg-Eppendorf, Hamburg
Abschluss: *Doctor rerum naturalium*

2013 – 2015 **Master-Studium Biochemie und Molekularbiologie**, Christian-Albrechts-Universität zu Kiel, Kiel
Abschluss: *Master of Science*

2010 – 2013 **Bachelor-Studium Biochemie und Molekularbiologie**, Christian-Albrechts-Universität zu Kiel, Kiel
Abschluss: *Bachelor of Science*

2008 – 2010 **Ausbildung zum Biologisch-Technischen Assistenten**, School of Life Science, Hamburg
Abschluss: *Staatlich geprüfter Biologisch-Technischer Assistent*

2007 – 2008 Zivildienst, Deutsches Rotes Kreuz, Rellingen

– 2007 Theodor-Heuss-Schule, Pinneberg

Abschluss: Abitur

Auslandsaufenthalte

11.04. – 15.04.2018 Kongressteilnahme, The International Liver Congress 2018,
European Association for the Study of the Liver (EASL),
Paris, Frankreich

10.04. – 14.04.2019 Kongressteilnahme, The International Liver Congress 2019,
European Association for the Study of the Liver (EASL),
Wien, Österreich

Konferenzbeiträge

- (1) **Poch, T.** et al., in *36. Jahrestagung der Deutschen Arbeitsgemeinschaft zum Studium der Leber* (Georg Thieme Verlag KG, 2020).

- (2) **Poch, T.** et al., Deep immunophenotyping of liver infiltrating lymphocytes reveals distinct differences in the T cell compartment of patients with primary sclerosing cholangitis. *Journal of hepatology*. **68**, S461-S462 (2018), doi:10.1016/S0168-8278(18)31168-1.

Publikationen

- (1) **Poch, T.**, Krause, J., Casar, C., Liwinski, T., Glau, L., Kaufmann, M., Ahrenstorf, A. E., Hess, L. U., Ziegler, A. E., Martrus, G., Lunemann, S., Sebode, M., Li, J., Schwinge, D., Krebs, C. F., Franke, A., Friese, M. A., Fischer, L., Altfeld, M., Lohse, A. W., Huber, S., Tolosa, E., Gagliani, N., Schramm, C. Single-cell atlas of hepatic T cells reveals expansion of liver-resident naive-like CD4⁺ T cells in primary sclerosing cholangitis. *Journal of hepatology* (2021), <https://doi.org/10.1016/j.jhep.2021.03.016>.
- (2) Stein, S., Henze, L., **Poch, T.**, Carambia, A., Krech, T., Preti, M., Schuran, F.A., Reich, M., Keitel, V., Fiorotto, R., Strazzabosco, M., Fischer, L., Li, J., Müller, L.M., Wagner, J., Gagliani, N., Herkel, J., Schwinge, D., Schramm, C. IL-17A/F enable cholangiocytes to restrict T cell-driven experimental cholangitis by upregulating PD-L1 expression, *Journal of Hepatology* (2021), 74 (4), 919-930, <https://doi.org/10.1016/j.jhep.2020.10.035>.
- (3) Preti, M., Schlott, L., Lübbering, D., Krzikalla, D., Müller, A.L., Schuran, F.A., **Poch, T.**, Schakat, M., Weidemann, S., Lohse, A.W., Weiler-Normann, C., Sebode, M., Schwinge, D., Schramm, C., Carambia, A., Herkel, J. Failure of thymic deletion and instability of autoreactive Tregs drive autoimmunity in immune-privileged liver. *JCI Insight* (2021), 6(6):141462, <https://doi.org/10.1172/jci.insight.141462>.
- (4) Kunzmann, L. K., Schoknecht, T., **Poch, T.**, Henze, L., Stein, S., Kriz, M., Grewe, I., Preti, M., Hartl, J., Pannicke, N., Peiseler, M., Sebode, M., Zenouzi, R., Horvatits, T., Böttcher, M., Petersen, B. S., Weiler-Normann, C., Hess, L. U., Elise Ahrenstorf, A., Lunemann, S., ... Schwinge, D. (2020). Monocytes as potential mediators of pathogen-induced Th17 differentiation in patients with primary sclerosing cholangitis (PSC). *Hepatology (Baltimore, Md.)*, <https://doi.org/10.1002/hep.31140>.
- (5) Hess, L. U., Martrus, G., Ziegler, A. E., Langeneckert, A. E., Salzberger, W., Goebels, H., Sagebiel, A. F., Hagen, S. H., **Poch, T.**, Ravichandran, G., Koch, M., Schramm, C., Oldhafer, K. J., Fischer, L., Tiegs, G., Richert, L., Bunders, M. J., Lunemann, S., & Altfeld, M. (2020). The Transcription Factor Promyelocytic Leukemia Zinc Finger Protein Is Associated With Expression of Liver-Homing Receptors on Human Blood CD56^{bright} Natural Killer Cells. *Hepatology communications*, 4(3), 409–424, <https://doi.org/10.1002/hep4.1463>.

- (6) Ravichandran, G., Neumann, K., Berkhout, L. K., Weidemann, S., Langeneckert, A. E., Schwinge, D., **Poch, T.**, Huber, S., Schiller, B., Hess, L. U., Ziegler, A. E., Oldhafer, K. J., Barikbin, R., Schramm, C., Altfeld, M., & Tiegs, G. (2019). Interferon- γ -dependent immune responses contribute to the pathogenesis of sclerosing cholangitis in mice. *Journal of hepatology*, *71*(4), 773–782, <https://doi.org/10.1016/j.jhep.2019.05.023>.
- (7) Martrus, G., Goebels, H., Langeneckert, A. E., Kah, J., Flomm, F., Ziegler, A. E., Niehrs, A., Löbl, S. M., Russu, K., Hess, L. U., Salzberger, W., **Poch, T.**, Nashan, B., Schramm, C., Oldhafer, K. J., Dandri, M., Koch, M., Lunemann, S., & Altfeld, M. (2019). CD49a Expression Identifies a Subset of Intrahepatic Macrophages in Humans. *Frontiers in immunology*, *10*, 1247, <https://doi.org/10.3389/fimmu.2019.01247>.
- (8) Lunemann, S., Langeneckert, A. E., Martrus, G., Hess, L. U., Salzberger, W., Ziegler, A. E., Löbl, S. M., **Poch, T.**, Ravichandran, G., Sauter, J., Schmidt, A. H., Schramm, C., Oldhafer, K. J., Altfeld, M., & Körner, C. (2019). Human liver-derived CXCR6⁺ NK cells are predominantly educated through NKG2A and show reduced cytokine production. *Journal of leukocyte biology*, *105*(6), 1331–1340, <https://doi.org/10.1002/JLB.1MA1118-428R>.
- (9) Langeneckert, A. E., Lunemann, S., Martrus, G., Salzberger, W., Hess, L. U., Ziegler, A. E., **Poch, T.**, Ravichandran, G., Matschl, U., Bosse, J. B., Tiegs, G., Fischer, L., Koch, M., Herkel, J., Oldhafer, K. J., Schramm, C., & Altfeld, M. (2019). CCL21-expression and accumulation of CCR7⁺ NK cells in livers of patients with primary sclerosing cholangitis. *European journal of immunology*, *49*(5), 758–769, <https://doi.org/10.1002/eji.201847965>.
- (10) Lunemann, S., Schöbel, A., Kah, J., Fittje, P., Hölzemer, A., Langeneckert, A. E., Hess, L. U., **Poch, T.**, Martrus, G., Garcia-Beltran, W. F., Körner, C., Ziegler, A. E., Richert, L., Oldhafer, K. J., Schulze Zur Wiesch, J., Schramm, C., Dandri, M., Herker, E., & Altfeld, M. (2018). Interactions Between KIR3DS1 and HLA-F Activate Natural Killer Cells to Control HCV Replication in Cell Culture. *Gastroenterology*, *155*(5), 1366–1371.e3, <https://doi.org/10.1053/j.gastro.2018.07.019>.
- (11) Salzberger, W., Martrus, G., Bachmann, K., Goebels, H., Heß, L., Koch, M., Langeneckert, A., Lunemann, S., Oldhafer, K. J., Pfeifer, C., **Poch, T.**, Richert, L., Schramm, C., Wahib, R., Bunders, M. J., & Altfeld, M. (2018). Tissue-resident NK cells differ in their expression profile of the nutrient transporters Glut1, CD98 and CD71. *PLoS one*, *13*(7), e0201170, <https://doi.org/10.1371/journal.pone.0201170>.

- (12) Lettau, M., Armbrust, F., Dohmen, K., Drews, L., **Poch, T.**, Dietz, M., Kabelitz, D., Janssen, O. Mechanistic peculiarities of activation-induced mobilization of cytotoxic effector proteins in human T cells. *Int Immunol.* (2018), 30(5):215-228, <https://doi.org/10.1093/intimm/dxy007>.
- (13) Martus, G., Kautz, T., Lunemann, S., Richert, L., Glau, L., Salzberger, W., Goebels, H., Langeneckert, A., Hess, L., **Poch, T.**, Schramm, C., Oldhafer, K. J., Koch, M., Tolosa, E., Nashan, B., & Altfeld, M. (2017). Proliferative capacity exhibited by human liver-resident CD49a+CD25+ NK cells. *PloS one*, 12(8), e0182532, <https://doi.org/10.1371/journal.pone.0182532>.



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