

Curriculum Vitae Benjamin Misselwitz

Personal Data

Title	Prof. Dr. med.
First name	Benjamin
Name	Misselwitz
Current position	Professor and Group Leader (W2, permanent)
Current institution(s)/site(s), country	Department of Medicine 2, Ludwig Maximilian University of Munich (LMU Munich), Germany
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Selection of peer-reviewed research articles:

- Wyss J, Raselli T, Wyss A, *et al*, **Misselwitz B**. Development of non-alcoholic steatohepatitis is associated with gut microbiota but not with oxysterol enzymes CH25H, EBI2, or CYP7B1 in mice. *BMC Microbiol*. 2024 Feb 28;24(1):69. doi: 10.1186/s12866-024-03195-7.
- Jordi SBU, Botte F, Lang BM, *et al*, Begré S[#], **Misselwitz B[#]**; Swiss IBD cohort study group. Type D personality is associated with depressive symptoms and clinical activity in inflammatory bowel disease. *Aliment Pharmacol Ther*. 2021 Jul;54(1):53-67. doi: 10.1111/apt.16365.
- Schreiner P, Rossel JB, Biedermann L, *et al*, von Känel R[#], **Misselwitz B[#]**; Swiss IBD Cohort Study Group. Fatigue in inflammatory bowel disease and its impact on daily activities. *Aliment Pharmacol Ther*. 2021 Jan;53(1):138-149. doi: 10.1111/apt.16145.
- Raselli T, Wyss A, Gonzalez Alvarado MN, *et al*, **Misselwitz B**. The Oxysterol Synthesising Enzyme CH25H Contributes to the Development of Intestinal Fibrosis. *J Crohns Colitis*. 2019 Sep 19;13(9):1186-1200. doi: 10.1093/ecco-jcc/jjz039.
- Wyss A, Raselli T, Perkins N, *et al*, **Misselwitz B**. The EBI2-oxysterol axis promotes the development of intestinal lymphoid structures and colitis. *Mucosal Immunol*. 2019 May;12(3):733-745. doi: 10.1038/s41385-019-0140-x.
- Lang BM, Biedermann L, van Haaften WT, *et al*, **Misselwitz B**; Swiss IBD Cohort Study Group. Genetic polymorphisms associated with smoking behaviour predict the risk of surgery in patients with Crohn's disease. *Aliment Pharmacol Ther*. 2018 Jan;47(1):55-66. doi: 10.1111/apt.14378.
- Hollenstein M, Thwaites P, Bütikofer S, *et al*, **Misselwitz B**. Pharyngeal swallowing and oesophageal motility during a solid meal test: a prospective study in healthy volunteers and patients with major motility disorders. *Lancet Gastroenterol Hepatol*. 2017 Sep;2(9):644-653. doi: 10.1016/S2468-1253(17)30151-6.
- Misselwitz B**, Dilling S, Vonaesch P, *et al*, Hardt WD. RNAi screen of Salmonella invasion shows role of COPI in membrane targeting of cholesterol and Cdc42. *Mol Syst Biol*. 2011 Mar 15;7:474. doi: 10.1038/msb.2011.7.
- Misselwitz B**, Barrett N, Kreibich S, *et al*, Hardt WD. Near surface swimming of Salmonella Typhimurium explains target-site selection and cooperative invasion. *PLoS Pathog*. 2012;8(7):e1002810. doi: 10.1371/journal.ppat.1002810.
- Misselwitz B^{*}**, Staack O^{*}, Rapoport TA. J proteins catalytically activate Hsp70 molecules to trap a wide range of peptide sequences. *Mol Cell*. 1998 Nov;2(5):593-603. doi: 10.1016/s1097-2765(00)80158-6.