

Curriculum Vitae

Florian Gothe Privatdozent, Dr. med., Ph.D.
d.o.b. May 28th, 1987, in Munich, Germany

University Education

2023 Habilitation Pediatrics, LMU
2022 Ph.D. Medical Research, LMU and Newcastle University, UK
2015 Doctorate Medicine, LMU
2007–2013 Studies of Medicine, Ludwig-Maximilians-Universität München (LMU Munich)

Scientific Career

Since 2024 Junior Consultant, Department of Pediatric Pneumology, LMU
Since 2024 Co-Lead, Clinical Research Group “Pediatric Pneumology”, LMU
Since 2024 Privatdozent (PD) / Associate Professor (equivalent), Department of Pediatrics, LMU
2017-2020 Postdoctoral Fellow, Translational & Clinical Research Institute, Newcastle University, UK
2014-2022 Residency, Department of Pediatrics, Dr. von Hauner Children’s Hospital, LMU

Fellowships, Awards, and Honors

2022 Research Fellowship, EU-Short Term Scientific Mission, Dublin, Ireland
2020-2023 Clinician Scientist Fellowship, LMU Faculty of Medicine
2019-2020 Research Fellowship, Bubble Foundation, Newcastle upon Tyne, UK
2017-2019 Research Fellowship, German Research Foundation (DFG)

Top-10 selected Publications

Herkner M, Rapp C, Graeber SY, Marx C, Rambuscheck C, Reu-Hofer S, Emiralioglu N, Kiper N, Gilea AI, Notaroberto I, Baruffini E, Temmesfeld-Wollbrück B, Klein C, Wen H, Stahl M, Griese M, **Gothé F**. Multicystic Interstitial Lung Disease Due to a Novel Biallelic C-C Chemokine Receptor Type 2 Variant. *Pediatr Pulmonol*. 2025 May;60(5):e71135.

Lévy R*, **Gothé F***, Momenilandi M, Magg T, Materna M, Peters P, Rädler J, Philippot Q, Rack-Hoch A, Langlais D, Bourgey M, Lanz AL, Ogishi M, Rosain J, Martin E, Latour S, Vladikine N, Distefano M, Khan T, Rapaport F, Schulz M, Holzer U, Fasth A, Sogkas G, Speckmann C, Troilo A, Bigley V, Roppelt A, Dinur-Schejter Y, Toker O, Martinsen KH, Sherkat R, Somekh I, Somech R, Shouval DS, Kühl JS, Ip W, McDermott EM, Cliffe L, Ozen A, Baris S, Rangarajan HG, Jouanguy E, Puel A, Bustamante J, Alyanakian MA, Fusaro M, Wang Y, Kong XF, Cobat A, Boutboul D, Castelle M, Aguilar C, Hermine O, Cheminant M, Suarez F, Yildiran A, Bousfiha A, Al-Mousa H, Alshome F, Ayvaz DC, Abraham RS, Knutsen AP, Fevang B, Bhattad S, Kiykim A, Erman B, Arikoglu T, Unal E, Kumar A, Geier C, Baumann U, Neven B, CARMIL2 consortium, Rohlfis M, Walz C, Abel L, Malissen B, Marr N, Klein C, Casanova JL, Hauck F, Béziat V. "Human inherited CARMIL2 deficiency underlies a broader immunological and clinical phenotype than inherited CD28 deficiency." *J Exp Med*. 2023 Feb 6;220(2):e20220275.

Li Y, Seidl E, Knoflach K, **Gothé F**, Forstner ME, Michel K, Pawlita I, Gesenhues F, Sattler F, Yang X, Kroener C, Reu-Hofer S, Ley-Zaporozhan J, Kammer B, Krüger-Stollfuß I, Dinkel J, Carlens J, Wetzke M, Moreno-Galdó A, Torrent-Vernetta A, Lange J, Krenke K, Rumman N, Mayell S, Sismanlar T, Aslan A, Regamey N, Proesmans M, Stehling F, Naehrlich L, Ayse K, Becker S, Koerner-Rettberg C, Plattner E, Manali ED, Papiris SA, Campo I, Kappler M, Schwerk N, Griese M. "ABCA3-related interstitial lung disease beyond infancy." *Thorax*. 2023 Feb 20:thorax-2022-219434.

Pelham SJ, Caldirola MS, Avery DT, Mackie J, Rao G, **Gothé F**, Peters TJ, Guerin A, Neumann D, Vokurkova D, Hwa V, Zhang W, Lyu SC, Chang I, Manohar M, Nadeau KC, Gaillard MI, Bezrodnik L, Iotova V, Zwirner NW, Gutierrez M, Al-Herz W, Goodnow CC, Hernandez AV, Forbes L, Hambleton S, Deenick EK, Ma CS, Tangye SG. "STAT5B restrains human B-cell differentiation to maintain humoral immune homeostasis." *J. Allerg. Clin. Immunol*. 2022 Apr 22:S0091-6749(22)00546-2.

Gothé F, Stremenova Spegarova J, Hatton CF, Griffin H, Sargent T, Cowley SA, James W, Roppelt A, Shcherbina A, Hauck F, Reyburn HT, Duncan CJA, Hambleton S. "Aberrant inflammatory responses to type I interferon in STAT2 and IRF9 deficiency." *J. Allerg. Clin. Immunol.*, 2022 Feb 17:S0091-6749(22)00185-3.

Hatton CF, Botting RA, Dueñas ME, Haq IJ, Verdon B, Thompson BJ, Spegarova JS, **Gothé F**, Stephenson E, Gardner AI, Murphy S, Scott J, Garnett JP, Carrie S, Powell J, Khan CMA, Huang L, Hussain R, Coxhead J, Davey T, Simpson AJ, Haniffa M, Hambleton S, Brodrie M, Ward C, Trost M, Reynolds G, Duncan CJA., "Delayed induction of type I and III interferons mediates nasal epithelial cell permissiveness to SARS-CoV-2." *Nat Commun.*, 2021 Dec 7;12(1):7092.

Gothé F, Schmautz A, Häusler K, Tran NB, Kappler M, Griese M. "Treating Allergic Bronchopulmonary Aspergillosis with Short-Term Prednisone and Itraconazole in Cystic Fibrosis." *J Allergy Clin Immunol Pract.*, 2020 Sep;8(8):2608-2614.e3.

Duncan CJA, Thompson BJ, Chen R, Rice GI, **Gothé F**, Young DF, Lovell SC, Shuttleworth VG, Brocklebank V, Corner B, Skelton AJ, Bondet V, Coxhead J, Duffy D, Fournage C, Livingston JH, Pavaine J, Cheesman E, Bitetti S, Grainger A, Acres M, Innes BA, Mikulasova A, Sun R, Hussain R, Wright R, Wynn R, Zarhrate M, Zeef LAH, Wood K, Hughes SM, Harris CL, Engelhardt KR, Crow YJ, Randall RE, Kavanagh D, Hambleton S, Briggs TA., "Severe type I interferonopathy and unrestrained interferon signaling due to a homozygous germline mutation in STAT2," *Sci. Immunol.*, 2019 Dec 13;4(42):eaav7501.

Zhang Z*, **Gothé F***, Pennamen P*, James JR, McDonald D, Mata CP, Modis Y, Alazami AM, Acres M, Haller W, Bowen C, Döffinger R, Sinclair J, Brothers S, Zhang Y, Matthews HF, Naudion S, Pelluard F, Alajlan H, Yamazaki Y, Notarangelo LD, Thaventhiran JE, Engelhardt KR, Al-Mousa H, Hambleton S, Rooryck C, Smith KGC, Lenardo MJ., "Human interleukin-2 receptor β mutations associated with defects in immunity and peripheral tolerance," *J. Exp. Med.*, 2019 Jun 3;216(6):1311-1327.

Gothé F, Kappler M, Griese M. "Increasing Total Serum IgE, Allergic Bronchopulmonary Aspergillosis, and Lung Function in Cystic Fibrosis." *J Allergy Clin Immunol Pract.*, 2017 Nov-Dec;5(6):1591-1598.e6. 2017.