

Carl Weidinger, MD

1 | General information

Contact details: Department of Gastroenterology, Infectious Diseases, Rheumatology (incl. Nutritional Medicine), Charité – Universitätsmedizin Berlin, Campus Benjamin Franklin (CBF) Hindenburgdamm 30, 12203 Berlin

Tel.: +49 (0)30 450-614413
E-mail: carl.weidinger@charite.de

Current position: Current position: Resident, Department of Gastroenterology, Infectious Diseases, Rheumatology, Charité - Universitätsmedizin Berlin (CBF)

Researcher unique identifier(s): ORCID-ID: 0000-0002-9948-0088



2 | Academic education

2003 – 2010 Medical School, University of Leipzig

3 | Advanced academic qualifications:

2011 MD thesis, Endocrinology, „*The role of FOXO3a in the pathogenesis of thyroid cancer*“, University of Leipzig (Supervisor: Dagmar Führer-Sakel)

4 | Postgraduate professional career:

2021 German board certification *Internal Medicine*
2018 – 2021 BIH Clinician Scientist, Charité – Universitätsmedizin Berlin
Since 2015 Department of Gastroenterology, Infectious Diseases, Rheumatology (incl. Nutritional Medicine), Charité – Universitätsmedizin Berlin
2011 – 2015 Postdoc Fellow (DFG-funded fellowship), New York University, USA
2010 German physician license

5 | Other:

Awards/Honors

- Brahms Award for Thyroid Research (2012)
- Pomblitz Award for the Best Thesis, Medical Faculty of the University of Leipzig (2012)
- DFG-Research Fellowship (2012 – 2014)
- Fellowship “Junior Clinician Scientist of the Berlin Institute of Health, BIH (2015 – 2017)
- Fellowship „Clinician Scientist of the Berlin Institute of Health, BIH (since 2018)
- “DACED Zukunftspreis 2021” for IBD research (2021)

6 | Selected publications:

1. Hecker J, Letizia M, Loeascher B, Siegmund B*, **Weidinger C***. Early Onset of TNF α -Driven Arthritis, Auto-inflammation and Progressive Loss of Vision in a Patient with ALPK1 Mutation. **J Clin Immunol** 2022; accepted
2. Ziegler J, Boettcher C, Letizia M, Cansu Y, Wu H, Freise I, Rodriguez-Sillke Y, Stoyanova A, Kreis M, Asbach P, Kunkel D, Priller J, Anagostopoulos I, Kuehl A, Miehle K, Sturmvoll M, Tran F, Fredrich B, Fordter M, Franke A, Bojarski C, Glaubien R, Löscher BS, Siegmund B*, **Weidinger C***. Leptin induces TNF α -dependent inflammation in acquired generalized lipodystrophy and combined Crohn’s disease. **Nat Commun** 2019; 10(1):5629
3. Yerinde C, Siegmund B, Glaubien R, **Weidinger C**. Metabolic Control of Epigenetics and Its Role in CD8+ T Cell Differentiation and Function. **Front Immunol** 2019; 10:2718

4. Friedrich M, Gerbeth L, Gerling M, Rosenthal R, Steiger K, **Weidinger C**, Keye J, Wu H, Schmidt F, Weichert W, Siegmund B, Glauben R. HDAC inhibitors promote intestinal epithelial regeneration via autocrine TGFβ1 signalling in inflammation. **Mucosal Immunol** 2019; 12(3):656-667
5. Concepcion AR, Vaeth M, Wagner LE, Eckstein M, Hecht L, Yang J, Crottes D, Seidl M, Shin HP, **Weidinger C**, Cameron S, Turvey SE, Issekutz T, Meyts I, Lacruz RS, Cuk M, Yule DI, Feske S. Store-operated Ca²⁺ entry regulates Ca²⁺ activated chloride channels and eccrine sweat gland function. **J Clin Invest** 2016; 1126(11):4303-4318
6. Elling R, Keller B, **Weidinger C**, Häffner M, Deshmukh S, Zee I, Speckmann C, Ehl, S, Schwarz K, Preserved effector functions of human ORAI1- and STIM1-deficient neutrophils **J Allergy Clin Immunol** 2016; 137(5):1587-1591.e7
7. Desvignes L*, **Weidinger C***, Shaw P, McVoy L, Ernst J, Feske S. STIM1 controls T cell-mediated immune regulation and inflammation in chronic infection. **J Clin Invest** 2015; 125(6):2347-62
8. Shaw P*, **Weidinger C***, Kluethy K, Kaech S and Feske S. STIM1 and STIM2 control antiviral immunity by CD4 and CD8 T cells. **J Clin Invest** 2014; 124(10):4549-63
9. **Weidinger C**, Shaw PJ, Feske S. STIM1 and STIM2-mediated Ca(2+) influx regulates antitumour immunity by CD8(+) T cells. **EMBO Mol Med** 2013; 5(9):1311-21
10. **Weidinger C**, Krause K, Mueller K, Klagge A, Fuhrer D. FOXO3 is inhibited by oncogenic PI3K/Akt signaling but can be reactivated by the NSAID sulindac sulfide. **J Clin Endocrinol Metab** 2011; 96(9):E1361-71

*contributed equally