Univ.-Prof. Dr. rer. nat. Michael Delacher

*19.01.1986

Professor of Systems Biology (W2)

Institute for Immunology
University Medical Center of the Johannes Gutenberg University Mainz
D-55131 Mainz, Langenbeckstr. 1, building 308A
Tel: +49-6131-17 6574
delacher@uni-mainz.de
www.immunologie-mainz.de

Academia

2012 – 2016	Dr. rer. nat. in Cancer Biology, Heidelberg University, Germany
2010 – 2012	Master of Science in Molecular Medicine, Ulm University, Germany
2006 – 2010	Bachelor of Science in Pharmaceutical Biotechnology, University of Applied Sciences in Biberach, Germany

Career

since 2021	Tenured Professor (W2) for Systems Biology of Chronic Infections, Institute of Immunology, University Medical Center, Mainz, Germany
2018– 2021	Postdoctoral scientist, Department of Immunology, Regensburg University and Regensburg University Clinics, Germany
2016– 2018	Postdoctoral scientist, Department of Tumor Immunology, DKFZ Heidelberg, Germany

Awards

2019 Competitive travel cost stipend by the German Society for Immunology
2017 Competitive travel cost stipend by the German Society for Immunology
2015 Competitive travel cost stipend by the German Society for Immunology
2012 PhD stipend by the German-Israeli Helmholtz Research School in Cancer Biology
2011 Travel cost stipend (PROMOS) for Master's Thesis with Stanford University
2010 Travel cost stipend of Ulm University for lab rotation at University of Oregon

Selected Publications

Delacher M, Simon M, Sanderink L, Hotz-Wagenblatt A, Wuttke M, Schambeck K, Schmidleithner L, Bittner S, Pant A, Ritter W, Hehlgns T, Riegel D, Schneider V, Groeber-Becker F, Eigenber A, Gebhardt C, Strieder N, Fischer A, Rehli M, Hoffmann P, Edinger M, Strowig T, Huehn J, Schmidl C, Prantl L, Werner J, Brors B, Imbusch CD, Feuerer M (2021). Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory T cells. *Immunity* Apr 13;54(4):702-720.e17.

Delacher M, Barra MM, Herzig Y, Eichelbaum K, Mahmoud-Reza R, Richards DM, Träger U, Hofer AC, Kazakov A, Braband KL, Gonzalez M, Wöhrl L, Schambeck K, Imbusch CD, Abramson J, Krijgsveld J, and Feuerer M (2020). Quantitative proteomics identifies TCF1 as a negative regulator of Foxp3 expression in conventional T cells. *iScience* May 22;23(5):101127.

Delacher M, Imbusch CD, Hotz-Wagenblatt A, Mallm JP, Bauer K, Simon M, Riegel D, Rendeiro AF, Bittner S, Sanderink L, Pant A, Schmidleithner L, Braband KL, Echtenachter B, Fischer A, Giunchiglia V, Hoffmann P, Edinger M, Bock C, Rehli M, Brors B, Schmidl C and Feuerer M (2020). Precursors of nonlymphoid-tissue Treg cells reside in secondary lymphoid organs and are programmed by the transcription factor BATF. *Immunity* Feb 18;52(2):295-312.

Delacher M, Schmidl C, Herzig Y, Breloer M, Hartman W, Brunk F, Kägebein D, Träger U, Hofer AC, Bittner S, Weichenhan D, Imbusch CD, Hotz-Wagenblatt A, Hielscher T, Breiling A, Federico G, Gröne HJ, Schmid RM, Rehli M, Abramson J, and Feuerer M (2019). RBPJ expression in regulatory T cells is critical for restraining TH2 responses. *Nat Commun* Apr 8;10(1):1621.

Delacher M, Imbusch CD, Weichenhan D, Breiling A, Hotz-Wagenblatt A, Träger U, Hofer AC, Kägebein D, Herrmann C, Li W, Frauhammer F, Mallm P, Lang P, Brors B, Plass C, and Feuerer M. Genome-wide DNA methylation landscape defines specialization of regulatory T cells in tissues (2017). *Nat Immunol* Oct;18(10):1160-1172.