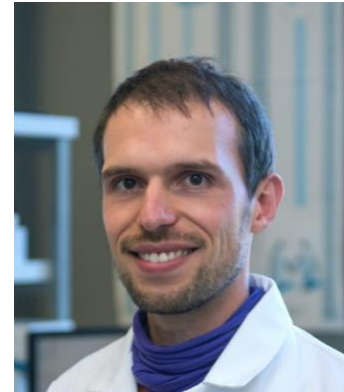


**Univ.-Prof. Dr. Johannes Mayer**

\*22.03.1988

Professor of Dermatological Immunotherapy (W2)

Department of Dermatology  
University Medical Center of the  
Johannes Gutenberg University Mainz  
D-55131 Mainz, Langenbeckstr. 1, Bldg. 401  
Tel: +49-6131-17 6920  
[johannes.mayer@unimedizin-mainz.de](mailto:johannes.mayer@unimedizin-mainz.de)  
[www.mayer-lab.com](http://www.mayer-lab.com)



**Academia**

- 29.09.2023 Habilitation/Venia legendi in Molecular Immunology, Phillips University Marburg, Germany
- 29.06.2017 Ph.D. in Immunology, University of Glasgow, United Kingdom funded by a full Wellcome Trust scholarship
- 02.12.2013 Master of Research (M.res.) in Molecular Functions in Disease, University of Glasgow, United Kingdom
- 13.06.2012 Bachelor of Science (B.Sc.) in Biology, University of Technology Munich, Germany

**Career**

- Since 09/2023 Tenured Professor (W2) for Dermatological Immunotherapy, Department of Dermatology, University Medical Center Mainz, Germany
- 06/2021 – 08/2023 Junior Group Leader, Dendritic Cell Biology Lab Marburg, Department of Dermatology and Allergology, Phillips University Marburg, Germany
- 07/2019 – 06/2021 Project Leader, Malaghan Institute of Medical Research, New Zealand
- 07/2017 – 06/2019 Postdoctoral Research Fellow, Malaghan Institute of Medical Research, New Zealand

**Awards**

- 2023 Deutscher Neurodermitis-Preis (Deutsche Dermatologische Gesellschaft)
- 2022 Von Behring-Röntgen-Nachwuchspreis (von Behring-Röntgen Stiftung)
- 2022 Förderpreis 'Neue immunologische Therapien atopischer/allergischer Erkrankungen' (Deutsche Gesellschaft für Allergologie und klinische Immunologie)
- 2022 Theodor-Nasemann-Stipendium (Galderma Laboratorium GmbH)
- 2022 Allergy Research Award (ECARF Stiftung/Arbeitsgemeinschaft Dermatologischer Forschung)
- 2021 EMDS Young Investigator Research Award (European Macrophage and Dendritic Cell Society)
- 2021 Career Advancement Award (Australian and New Zealand Society for Immunology)
- 2020 Werner-Müller-Preis (German Society for Immunology)
- 2019 Heslop Award (Australian and New Zealand Society for Immunology)
- 2019 Maurice Capstick Award (Maurice Capstick Trust, New Zealand)

## Selected Publications

Schinner J, Cunha T, **Mayer JU**, Hörster S, Kind P, Didona D, Keber C, Hertl M, Worzfeld T and Juratli HA. (2023) Skin-infiltrating T cells display distinct inflammatory signatures in lichen planus, bullous pemphigoid and pemphigus vulgaris. *Front. Immunol.* 14:1203776. <https://doi.org/10.3389/fimmu.2023.1203776>

**Mayer JU**, Hilligan KL, Chandler JS, Eccles DA, Old SI, Domingues RG, Yang J, Webb GR, Munoz-Erazo L, Hyde EJ, Wakelin KA, Tang SC, Chappell SC, von Daake S, Brombacher F, Mackay CR, Sher A, Tussiwand R, Connor LM, Ortega DG, Jankovic D, Gros GL, Hepworth MR, Lamiable O, Ronchese F. (2021) Homeostatic IL-13 in healthy skin directs dendritic cell differentiation to promote TH2 and inhibit TH17 cell polarization. *Nat. Immunol.*, 1 (13). <https://doi.org/10.1038/s41590-021-01067-0>

**Mayer JU**, Brown SL, MacDonald AS, Milling SW. (2020) Defined Intestinal Regions Are Drained by Specific Lymph Nodes That Mount Distinct Th1 and Th2 Responses Against Schistosoma Mansoni Eggs. *Front. Immunol.*, 11 (2745). <https://doi.org/10.3389/fimmu.2020.592325> corresponding author

Hilligan KL, Tang SC, Hyde EJ, Roussel E, **Mayer JU**, Yang J, Wakelin KA, Schmidt AJ, Connor LM, Sher A, MacDonald AS, Ronchese F. (2020) Dermal IRF4+ Dendritic Cells and Monocytes License CD4+ T Helper Cells to Distinct Cytokine Profiles. *Nat. Commun.*, 11 (1), 5637. <https://doi.org/10.1038/s41467-020-19463-9>

Bosteels C, Neyt K, Vanheerswynghe M, van Helden MJ, Sichien D, Debeuf N, De Prijck S, Bosteels V, Vandamme N, Martens L, Saeys Y, Louagie E, Lesage M, Williams DL, Tang SC, **Mayer JU**, Ronchese F, Scott CL, Hammad H, Guillems M, Lambrecht BN. (2020) Inflammatory Type 2 CDCs Acquire Features of CDC1s and Macrophages to Orchestrate Immunity to Respiratory Virus Infection. *Immunity*, 52 (6), 1039-1056 e9. <https://doi.org/10.1016/j.immuni.2020.04.005>

Giladi A, Cohen M, Medaglia C, Baran Y, Li B, Zada M, Bost P, Blecher-Gonen R, Salame TM, **Mayer JU**, David E, Ronchese F, Tanay A, Amit I. (2020) Dissecting Cellular Crosstalk by Sequencing Physically Interacting Cells. *Nat. Biotechnol.*, 38 (5), 629–637. <https://doi.org/10.1038/s41587-020-0442-2>

Ferrer-Font L, Mehta P, Harnos P, Schmidt AJ, Chappell S, Price KM, Hermans IF, Ronchese F, le Gros G, **Mayer JU**. (2020) High-Dimensional Analysis of Intestinal Immune Cells during Helminth Infection. *eLife*, 9, e51678. <https://doi.org/10.7554/eLife.51678> corresponding author

**Mayer JU**, Demiri M, Agace WW, MacDonald AS, Svensson-Frej M, Milling SW. (2017) Different Populations of CD11b(+) Dendritic Cells Drive Th2 Responses in the Small Intestine and Colon. *Nat. Commun.*, 8, 15820. <https://doi.org/10.1038/ncomms15820>