

Curriculum Vitae

Matthias Schiedel, Dr. rer. nat.

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DOB: July 13th, 1983 in Heilbronn, Germany; Marital status: married; Nationality: German

Education

- 09/2019 - present **Liebig fellow**, Department of Medicinal Chemistry, University of Erlangen-Nürnberg, Germany; funded by Stiftung Stipendien-Fonds des Verbandes der Chemischen Industrie e.V. (VCI)
- 02/2019 – 08/2019 **Postdoctoral fellow** with Prof. Dr. Peter Gmeiner, Department of Medicinal Chemistry, University of Erlangen-Nürnberg, Germany; funded by return fellowship of Deutsche Forschungsgemeinschaft (DFG)
- 01/2017 – 01/2019 **Postdoctoral fellow** with Prof. Dr. Stuart Conway, Department of Chemistry University of Oxford, United Kingdom; funded by research fellowship of Deutsche Forschungsgemeinschaft (DFG)
- 05/2016 – 12/2016 **Postdoctoral fellow** with Prof. Dr. Manfred Jung, Department of Pharmaceutical Chemistry, University of Freiburg, Germany
- 05/2011 – 04/2016 **Ph.D.** in Pharmaceutical Chemistry with Prof. Dr. Manfred Jung, University of Freiburg, Germany, “Synthesis and testing of aminothiazoles as sirtuin rearranging ligands” (Grade: Summa cum laude)
- 08/2011 Registered Pharmacist (“Apotheker”, equivalent to PharmD)
- 11/2010 – 04/2011 Internship in a public pharmacy in Merzhausen, Germany
- 05/2010 – 11/2010 **Diploma in Pharmaceutical Chemistry** with Prof. Dr. Manfred Jung, University of Freiburg, Germany, “Synthesis of 2,7-naphthyridones as novel lead structure for sirtuin inhibitors” (Grade: 1.0)
- 08/2005 – 04/2010 Study of Pharmacy at the University of Freiburg, Germany (1st state examination: Grade 1.25; 2nd state examination: Grade: 1.0)
- 06/2004 – 07/2005 Professional musician (guitar, banjo, vocals, composition)
- 08/2003 – 05/2004 Alternative civilian service (Zivildienst) at the municipal construction and building yard in Nordheim (Württ), Germany
- 06/2003 German baccalaureate / A levels (Abitur: 1.3), Hölderlin-Gymnasium Lauffen am Neckar, Germany

Research Interests

GPCR research, Chemical epigenetics, Medicinal Chemistry, Chemical Biology, and inhibitor screening

Summary:

Matthias (born in 1983, married) studied pharmacy at the Albert-Ludwigs-University of Freiburg, where he graduated in 2010. As a pre-registered pharmacist, he worked at public pharmacy but also finished his Diploma in Pharmaceutical Chemistry in 2011 under the supervision of Prof. Manfred Jung (University of Freiburg). In the same group, he worked on his Ph.D. thesis that was primarily focused on development of molecular tools to target the NAD⁺-dependent lysine deacetylase Sirtuin 2 (Sirt2). In 2016, Matthias obtained his Ph.D. in Pharmaceutical Chemistry with honors (*summa cum laude*). Supported by a 2-year postdoctoral fellowship of the DFG, he joined the group of Prof. Stuart J. Conway at the University of Oxford. During this time, he developed chemical tool compounds to probe the role of acetyl-lysine binding domains, so-called bromodomains, in parasites. As a Liebig Fellow, he returned to Germany in 2019 and started his career as an independent researcher at the Department of Chemistry and Pharmacy at the Friedrich-Alexander-University Erlangen-Nürnberg with Prof. Peter Gmeiner as a mentor.

Matthias' research interests include medicinal chemistry, chemical biology, as well as novel drug targeting approaches. His current research is focusing on novel chemical tools targeting intracellular allosteric binding sites of G protein-coupled receptors (GPCRs).