

### **Biographical sketch Christian Wagner**

Christian studied Pharmacy at the Goethe University in Frankfurt/Main (Germany) and graduated as a Registered Pharmacist in 2009. From 2009 till 2013, Christian was a PhD student in Jennifer Dressman's lab at Goethe University, where he conducted research on applying Physiologically-Based Pharmacokinetic (PBPK) modeling, combined with biorelevant solubility, dissolution, and precipitation methods, to predict the oral absorption of poorly soluble acidic, basic, and neutral drugs. Upon completion of his PhD, Christian joined FDA's Office of Clinical Pharmacology in Silver Spring MD (USA) as a postdoctoral researcher in 2013. As part of his research, he applied PBPK modeling to predict the impact of intrinsic (e.g., hepatic impairment) and extrinsic (e.g., drug-drug interactions) factors on the pharmacokinetics of antiretroviral drugs. In 2015, Christian joined the preformulation group within Merck KGaA in Darmstadt (Germany) as a Principal Scientist. In 2017, he was promoted to Associate Director level and Head of the CoE Biopharmaceutics. Within this position, Christian and his team lead the biopharmaceutical evaluation of Merck's NCE pipeline in Drug Discovery and Development.