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Model-Informed Drug Development: Challenges and Opportunities

Stephan Schmidt is an endowed Associate Professor in the Department of Pharmaceutics at the University of Florida, where he also serves as the Director for the Center for Pharmacometrics and Systems Pharmacology. He received his B.S. in Pharmacy from the Friedrich-Alexander University in Erlangen, Germany, and his PhD in Pharmacy from the University of Florida in Gainesville, USA. Following a post-doctoral fellowship at the Leiden-Amsterdam Center for Drug Research, he rejoined the University of Florida as faculty in 2012. Dr. Schmidt's research focuses on chronic progressive diseases, special patient populations, and drug-drug interactions. He published more than 100 peer-reviewed scientific manuscripts, 7 book chapters, and 2 textbooks, including the fifth edition of Rowland and Tozer's Clinical Pharmacokinetics and Pharmacodynamics textbook. He received numerous awards including the University of Florida Excellence Award for Assistant Professors in 2013, the Tanabe Young Investigator Award from the American College of Clinical Pharmacology (ACCP) in 2016, and the Outstanding Doctoral Thesis Mentoring Award from UF's College of Pharmacy in 2018. Dr. Schmidt serves as the Chair of the Special Interest Group on Precision Medicine of the International Pharmaceutical Federation (FIP), Subject Editor for the European Journal of Pharmaceutical Sciences, and Board of Regents member of ACCP.