

Meet the Network and Community Leadership
Network: Translational & Precision Medicine (TPM)
Community: Infectious Diseases (INF)



Network Vice Chair:
Matthew Rizk, PhD
Merck & Co., Inc.

Dr. Rizk is a Director of Quantitative Pharmacology & Pharmacometrics in the department of Pharmacokinetics, Pharmacodynamics and Drug Metabolism (PPDM) at Merck. He leads a group responsible for applying quantitative pharmacology to aid the development of novel therapies in the areas of hepatitis C and antibacterials. Matt also serves as the strategic lead for developing Merck's capabilities across the portfolio in the area of Quantitative Systems Pharmacology (QSP). He received his BS from Cornell University and his PhD from UCLA, both in Chemical Engineering, with research focused in the areas of metabolic engineering and synthetic biology. Since obtaining his doctorate, he has been at Merck serving on interdisciplinary drug development teams whose work has impacted areas of drug discovery and development ranging from target identification through the phases of development and post-licensure activities. His contributions have been primarily in the areas of clinical pharmacology and modeling and simulation strategy and execution. Matt has had numerous publications and given many presentations, particularly in the areas of antibacterials and HIV.