



## **Imran Shah, Ph.D.**

Dr. Imran Shah is a computational systems biologist at the EPA's National Center for Computational Toxicology. Dr. Shah provides leadership and guidance in the development of intelligent computational, systems-based models that support improved assessment of the public and ecological health implications of environmental stressors. He leads the Virtual Liver project – a cross scale knowledgebase of hepatic molecular and cellular networks, and an *in silico* tissue simulator for explaining the dose-dependent effects of chemicals. Before joining EPA, he was head of computational systems biology at Icoria, Inc. (previously known as Paradigm Genetics) where he led computational biomarker discovery from *omic* data. Dr. Shah also served as a faculty member in Bioinformatics at the University of Colorado, School of Medicine where he focused on the development of biochemical pathway inference methods. Dr. Shah received a Bachelor of Science in Physics from the Imperial College of Science, Technology and Medicine in London, U.K., and a doctorate in Computational Biology from George Mason University.