Peter Tolias, PhD, is currently Director of the university-wide Center for Healthcare Innovation (with over 60 affiliated faculty) and Professor and Interim Director/Chair of the Department of Chemistry, Chemical Biology and Biomedical Engineering at the Stevens Institute of Technology. He was formerly Executive Director of the Institute of Genomic Medicine, Research Director of the Autism Center and Professor of Pediatrics at the New Jersey Medical School. Previously, he served as Worldwide Vice President of Advanced Research and Technology Assessment, at the Ortho-Clinical Diagnostics division of Johnson & Johnson where he had several years of senior management experience as an R&D and business executive with global responsibilities within the diagnostic, biotechnology and pharmaceutical sectors. He has also served as Executive Vice President of Corporate Development at Rosetta Genomics, where he played a significant role in structuring the company, managing the product pipeline, establishing and running US operations and taking the firm public on the NASDAQ exchange. Earlier in his career, he was an Associate Professor of Microbiology & Molecular Genetics at the New Jersey Medical School, an Associate Member of the Public Health Research Institute and earlier as an Assistant Member. He obtained his Ph.D. from McGill University, was a post-doctoral fellow at Harvard University and received executive training at the Wharton Business School of University of Pennsylvania. Dr. Tolias is the recipient of over three dozen grants, contracts, awards and honors, the cofounder of several diagnostic and biotechnology companies and has held board and scientific advisory memberships on scientific journals, corporations, non-profits and universities. He has served as a mentor/supervisor of undergraduate, graduate and medical students, postdoctoral and medical fellows, faculty and staff and has a history of establishing and managing high performance cross functional multidisciplinary teams in both direct-line and matrix organizations in academia and industry.