

## **Attila Seyhan**

Director of Translational Oncology Operations, Brown University  
TPAC member since 2020

Attila A. Seyhan, Ph.D. is the Director of Translational Oncology Operations at Legorreta Cancer Center at Brown University, the Joint Program in Cancer Biology, Brown University, and Lifespan Health System, Laboratory of Translational Oncology and Experimental Cancer Therapeutics, Department of Pathology and Laboratory Medicine, Warren Alpert Medical School, Brown University.

He is also an Associate Professor (Research, Adj), Laboratory of Translational Oncology and Experimental Cancer Therapeutics, Department of Pathology and Laboratory Medicine, Warren Alpert Medical School, Brown University, Providence, RI.

He manages and promotes multiple initiatives, including the development of investigator-initiated clinical trials and other translational protocols, protocol writing and manuscript preparation, organization of translational medicine events, support for translational requests for application (RFAs), and grant preparation and submissions.

He also works with the industry to follow through on investigator-initiated basic and translational letters of intent (LOIs) and concepts. This work will involve collaboration with clinicians, scientists, regulatory personnel, administrators, tech transfer office staff, the grants management office, the institutional review board (IRB), institutional advancement, and external entities.

He has 20+ years of experience in basic research (e.g., functional genomics, biomarker, drug, and target discovery and development), and translational and clinical (Phase 1–2) research in Oncology, Inflammation and Immunology, Metabolic Diseases and Diabetes in various roles including leadership roles both in industry and academia. He has been involved in basic, translational, and clinical research both in industry (Wyeth, and Pfizer Inc) and academia (Brown U., Brown U Cancer Center and Lifespan Cancer Institute; Fox Chase Cancer Center, Temple U; Sanford Burnham Prebys Medical Discovery Institute and Florida Hospital) as PI for many years.

Previously, he was the Director of Translational Medicine Operations, Associate Research Professor, Translational Medicine, at Fox Chase Cancer Center / Temple University.

Before that, he was Associate Professor at the Translational Research Institute for Metabolism and Diabetes at Florida Hospital in Orlando, FL, and Adjunct Associate Professor at Sanford Burnham Prebys Medical Discovery Institute, in Orlando (Lake Nona), FL. In addition, he served as a research affiliate in the Department of Chemical Engineering at the Massachusetts Institute of Technology in Boston, MA.

In addition to academia, Dr. Seyhan has spent significant time in the pharmaceutical and biotechnology industries, having served in leading roles as Senior Principal Scientist at Pfizer Pharmaceuticals in Cambridge, MA., Principal Scientist and Head of Functional Genomics at Wyeth Pharmaceuticals in Collegeville, PA, Senior scientist II at Open Biosystems/ Thermo Fisher in Huntsville, AL., Dharmacon/ GE Healthcare in Lafayette, CO., and SomaGenics, Inc., in Santa Cruz, CA.

He has 70+ peer-reviewed publications, reviews, and book chapters, 9+ issued and pending US patents, 100+ scientific presentations, and authored 14+ grants totaling \$13.35M, (The Warren Alpert Foundation Grant, Brown University, DOD, NIH, Eli Lilly, Takeda, etc.).

He won several awards (a doctoral fellowship from NATO (North Atlantic Treaty Organization), the Young Investigator Award at the Symposium on RNA Biology III, Pfizer Excellence Awards for contributions towards Biomarkers of Lupus Disease Study).

Dr. Seyhan conducted his postdoctoral fellowship with Professor Bernard Grandchamp and Carol Beaumont at Xavier Bichat Hospital, the University of Paris VII studying ferritin gene regulation during erythroid differentiation/proliferation on a postdoctoral fellowship from the National Institute of Health and Medical Research of France (INSERM). He did another fellowship with Professor John Burke at the University of Vermont studying hairpin ribozyme biochemistry and their use as RNA therapeutics.

Dr. Seyhan earned his Ph.D. in Biological Sciences from Michigan Technological University (MTU), Houghton, MI on a NATO (North Atlantic Treaty Organization) Science Fellowship and BS degree in Biology from Hacettepe University, Ankara Turkey.