

Dorit B. Donoviel, Ph.D.

Assistant Professor, Dept. of Pharmacology and Center for Space Medicine
Baylor College of Medicine

Deputy Chief Scientist, Senior Research Director and Industry Forum Lead
National Space Biomedical Research Institute



Dr. Donoviel graduated from the University of California at San Diego and went on to receive a doctorate degree in Biochemistry from the University of Washington. She completed a Human Frontiers post-doctoral fellowship at the Samuel Lunenfeld Research Institute at Mount Sinai Hospital in Toronto, Canada where she created mouse genetic models for Alzheimer Disease.

Dr. Donoviel worked in Pharmaceutical Discovery for 8 years at Lexicon Pharmaceuticals, a biotechnology company based in The Woodlands, Texas. She managed a metabolism research group that identified and validated targets for drug discovery by using *in-vivo* functional genomics technology, and developed small molecule compounds, antibody, and protein therapeutics against these validated targets.

She is Deputy Chief Scientist at the National Space Biomedical Research Institute (NSBRI) and Assistant Professor in the Department of Pharmacology and Center for Space Medicine at Baylor College of Medicine. Dr. Donoviel oversees the diverse portfolio of science and technology research and development projects at NSBRI that address the challenges faced by humans in space. She also leads the Industry Forum which facilitates the commercialization of NSBRI funded products for Earth-based markets.