

MIT BrainTrust Annual Symposium

Featured Speakers!



Ramon Diaz-Arrastia (MD, PhD)

Ramon Diaz-Arrastia served as director of the Traumatic Brain Injury Clinical Research Center and associate director for clinical research in the Penn Center for Brain Injury and Repair. He was also awarded a five-year Presidential Professorship by UPenn President Amy Gutmann. "Ramon is a pioneering force in exploring the intricacies of neural damage and repair, and as Presidential Professor [of Neurology], he will further strengthen Penn's vital neurological research and exceptional clinical care," she said of his appointment.



Aneesh Singhal, MD

Dr. Aneesh B. Singhal is Vice-Chair of Neurology and Director of the Comprehensive Stroke Center at Massachusetts General Hospital. He is Associate Professor of Neurology at Harvard Medical School in Boston, USA. Dr. Singhal's areas of research include stroke in young adults, cerebral arteriopathies, advanced brain imaging for acute ischemic stroke, and stroke neuroprotection. He is internationally recognized for his work on characterizing the reversible cerebral vasoconstriction syndrome (RCVS) and cerebral vasculitis.



Volha Liaudanskaya, PhD

Dr. Volha Liaudanskaya is an experienced Postdoctoral researcher with a demonstrated history of working in the higher education industry. She is skilled in Bioinformatics, ELISA, Real-Time Polymerase Chain Reaction (qPCR), Spectroscopy, and Confocal Microscopy. She is also a strong research professional with a Doctor of Philosophy (PhD) focused in Tissue engineering from Università degli Studi di Trento. Her recent research includes a study of "Modeling Controlled Cortical Impact Injury in 3D Brain-Like Tissue Cultures."



Raul Radovitzky, PhD

Raul Radovitzky is a Professor of Aeronautics and Astronautics at MIT. He also serves as the Associate Director of the MIT Institute for Soldier Nanotechnologies. His research interests are in the development of numerical methods for modeling of complex material response and the formulation and implementation of algorithms for large-scale simulation of the dynamic response of materials to extreme loading conditions with emphasis on material and structural failure. His group's work has led to significant advances in understanding the physical effects of blast waves on the brain and developing strategies to protect against Traumatic Brain Injury.

Schedule

2-3pm: Raul Radovitzky

3-4pm: Ramon Diaz-Arrastia

4-5pm: Break

5-6pm: Aneesh Singhal

6-7pm: Volha Liaudanskaya

When: 2-7PM on March 27th, 2021

Zoom: <https://mit.zoom.us/j/97460717832>