



THE TWENTY THIRD V. G. Kulkarni Memorial Lecture



Homi Bhabha Centre for Science Education (HBCSE) instituted in 2002 an annual lecture in honour of Shri V. G. Kulkarni, Founder Director of the Centre.

The twenty-third V. G. Kulkarni Memorial Lecture will be delivered by Vidita Vaidya who is a Senior Professor and Chairperson of the Department of Biological Sciences at the Tata Institute of Fundamental Research, Mumbai, India. She received her undergraduate training in Life Science and Biochemistry at St. Xavier's College in Mumbai. She obtained her doctoral degree in Neuroscience at Yale University with the late Professor Ronald Duman, and after postdoctoral fellowships at the Karolinska Institute and Oxford University she returned to a faculty position at the Tata Institute of Fundamental Research in 2000.

She is a fellow of all three Indian Science academies. She received the National Bioscientist Award in 2012, the Shanti Swarup Bhatnagar Award in Medical Sciences in 2015, and the Infosys Prize for Life-Sciences in 2022. She was awarded the Nature Award for Excellence in Mentorship in India in 2019. Her research group is interested in understanding the neurocircuitry of emotion, its modulation by life experience and the alterations in emotional neurocircuitry that underlie complex psychiatric disorders like depression. Her team is also interested in understanding the actions of serotonergic psychedelics at the molecular, cellular, neurocircuit and behavioral level. She is committed to enhancing equity, diversity and inclusion in academia.

Homi Bhabha Centre for Science Education
Tata Institute of Fundamental Research
cordially invites you to the
23rd V. G. Kulkarni Memorial Lecture by

Prof. Vidita Vaidya

Chairperson, Department of Biological Sciences, TIFR, Mumbai



Date: Monday, September 30, 2024

Time: 3:30 pm

Venue: V. G. Kulkarni Auditorium, HBCSE



Live on YouTube: tinyurl.com/VGK2024

Imprints of Early Life History - How the Brain Keeps Score

Early adversity has a major impact on brain development and later cognitive functioning. It is also a common risk factor for neuropsychiatric and neurodegenerative disorders. Environment leaves its imprints on the body and brain at a molecular, epigenetic, cellular, circuit and behavioral level. Understanding these imprints provides tools on how to ameliorate or reverse some of the scars of early trauma. In my talk I will discuss research that has addressed these questions from a neuroscience perspective.



A HBCSE Golden Jubilee event

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