

# **Imprints of Early Adversity - how the brain and body keeps score**

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## **Abstract:**

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 ongoing research in my group at TIFR that addresses these questions from a neuroscience perspective.