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PROFILE

I joined the Clinic for Psychiatry and Psychotherapy, LMU as a PhD student in October 2019 as a part of International Max- Planck Research School for Translational Psychiatry. I have finished my integrated BS-MS degree with a major in Biology from Indian Institute of Science Education and Research, Kolkata, India in 2018 where I worked on 'Identification of neural markers of Autism Spectral Disorder by using high-density EEG'. Currently, I am being funded by the COMorbidity Modeling via Integrative Transfer machine-learning in MENTAl illness (COMMITMENT) project which is a multidisciplinary approach to understand comorbidity within psychotic disorders.

My research focus in this group involves finding the biological underpinnings of somatic comorbidities associated with psychiatric diseases, investigate the underlying biological signatures, and develop clinically useful tools for comorbidity-informed stratification of patients suffering from mental illnesses. I want to understand this link by analysing neuroimaging, clinical and genetic data to find the somatic subtypes within the psychotic group using robust supervised and unsupervised machine learning methods and subsequently translate the findings into the clinic.