

Professor Veena Kumari, Professor of Psychology and Director of the Centre for Cognitive Neuroscience, College of Health, Medicine and Life Sciences, Brunel University London.

Over the past 25 years, Veena has applied core research methodologies, including experimental psychology, clinical psychology, electrophysiology and neuroimaging methods to translational understanding of psychiatric disorders, especially psychosis, depression, and personality disorders. She uses a wide range of approaches and techniques to tackle a research question from different angles and has published extensively on such measures as electromyography, electroencephalography, neuropsychology, structural and functional neuroimaging and genetics.



Her main academic interests are:

- (i) Neurobiological assessment of cognitive and affective processes (including development of novel paradigms to achieve this) in schizophrenia, depression, and personality disorders.
- (ii) Multimodal evaluation of pharmacological treatments (antipsychotic and pro/anti-cholinergic drugs in particular) and psychological therapies for mental disorders (including cognitive behaviour therapy for psychosis, mindfulness, and psychological interventions for maltreated children).
- (iii) Sex and personality influences in cognitive and brain functioning. Since 2014, she has expanded her research focus to include adolescent mental health and the impact of environmental factors, including noise pollution, air quality, and diet on brain function and mental health across the life span.