

## **Emanuele Osimo**

Imperial College London

### **Winner of the BAP/RCPsych Poster Prize**

Emanuele is an Academic Clinical Fellow in Psychiatry at Imperial College London and the University of Cambridge. He works clinically with Cambridgeshire and Peterborough NHS Foundation Trust. He completed his medical training and an MSc in neuroscience in Milan (Italy), and an MRC research fellowship with Professor Oliver Howes' Psychiatric Imaging Group (at Imperial College).

His research interest lies in elucidating the effects of mental illness and psychiatric medications on ill physical health, and vice versa on studying the effects of ill physical health, including infections and inflammation, on ill mental health.



In order to investigate this, he has been studying the association between inflammatory markers in early life and subsequent development of mental illness in the ALSPAC longitudinal birth cohort; he has been looking at blood markers of infection and inflammation in psychiatric inpatients in Cambridge; he is leading a study directly examining the hearts, bloods and brains of patients with psychosis. The results of the heart imaging study showed signs of heart aging in patients with schizophrenia, incongruent with age-matched controls and independent of established cardiovascular risk factors, such as medical and metabolic comorbidity. These findings won the following prizes:

- BAP/Royal College of Psychiatrists (RCPsych) Psychopharmacology Committee Poster Prize
- RCPsych junior researcher of the year poster prize
- RCPsych Psychopharmacology Special Committee Prize for the Best psychopharmacology poster – second prize.