

SPEAKERS

Diana Prata (Instituto de Biologia e Engenharia Biomédica, FCUL/ King's College, London UK/ISCTE, Lisbon, Portugal)

The neurobiology of morality: the role of oxytocin.



Diana Prata is a Marie Curie Fellow and Group Leader at the Institute of Biophysics and Biomedical Engineering of the University of Lisbon (after 12 years in King's College London, KCL, UK) where she has set up the Biomedical Neuroscience research lab. She is also a visiting lecturer at KCL and ISCTE. In 2017, she won a Marie Curie Actions 3rd Phase as the most promising scientist in 'Innovation and Entrepreneurship'. She has been awarded an FCT-Investigator grant, a Marie Curie Career Integration Grant, a Bial Grant and several FCT grants, and other funding sources. Research-wise, she reported the first evidence that schizophrenia-risk genes can also predispose to bipolar disorder. Her new research focus is on the biological

basis of social cognition and its impairment, for which, together with a diverse team of medical doctors, psychiatrists, biologists, psychologists and biomedical engineers, she tries to unravel mechanisms of the still much mysterious oxytocin system, using neuropharmacology, magnetic resonance neuroimaging, electroencephalography, eye-tracking, psychology, neuropsychology, genetics, epigenetics and computational modeling techniques. A second branch of her work is to build clinically useful multimodal biomarkers for aiding clinical diagnostic and prognostic predictions – which we are bringing to hospitals via her start up company, NeuroPsyAI, for Alzheimer's and Parkinson's.

<http://beb.cienci.ulisboa.pt/pt/diana-prata/>

<https://dpratafb.wordpress.com/>

<http://neuropsyai.com/>