Hugo Bottemanne

MD, PhD CANDIDATE

PSYCHIATRY, COGNITIVE SCIENCE & PHILOSOPHY

Primary research areas: Belief, Predictive processing, Bayesian updating
Clinical research areas: Mood disorder, Post-partum depression, Ketamine
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RESEARCH INTEREST

I work on belief and believing process from theoretical neuroscience and philosophy of mind, at Sorbonne University, Pitié-Salpêtrière Hospital & Paris Brain Institute – Institut du Cerveau (ICM). The main focuses of my research are the role of bayesian belief updating in mood disorder, notably the process involved in mood-congruent beliefs for depression & hypomania, and mood-congruent delusions for melancholia & mania. I currently investigate the effect of ketamine, a fast-acting glutamatergic antidepressant, and Ketamine-Augmented Psychotherapy (KAP) on these belief updating mechanisms.

AFFILIATIONS

Paris Brain Institute - Institut du Cerveau (ICM), UMR 7225 / UMRS 1127, Sorbonne University / CNRS / INSERM, Paris, France

Sorbonne University, Department of Philosophy, Science Norm Democracy Research Unit, UMR 8011, CNRS, Paris, France

Sorbonne University, Department of Psychiatry & Perinatal Psychiatry Unit (UPP), Pitié-Salpêtrière Hospital, DMU Neurosciences, Assistance Publique-Hôpitaux de Paris (AP-HP), Paris, France

EDUCATION

Sorbonne University & Paris Brain Institute

PhD – Philosophy & Cognitive Science
Thesis: Computational neuroscience of belief
Supervisors: Pr. Anouk Barberousse, Pr. Philippe Fossati
Candidate, in progress

University of Paris

DU – University Degree – Perinatal psychiatry
Psychology and psychopathology of perinatality and maternal health
University of Paris / Necker Enfants-Malades Hospital
Grade: High honours

University of Paris & Paris Brain Institute

MD – Psychiatry
Thesis: Can we change beliefs? Modulation of belief updating mechanism with ketamine in treatment resistant depression,
Supervisors: Pr. Philippe Fossati, Dr. Liane Schmidt
Grade: Summa cum Laude, Silver medal laureate

Sorbonne University & ENS

Master 2 – Philosophy & Cognitive Science
Master thesis: Computational model of belief updating
Supervisor: Pr. Anouk Barberousse
Grade: Highest honour

University of Paris

Master 1 – Cell biology, Physiology & Pathology
Courses: Cognitive neuroscience, Biological Psychiatry, Biochemistry, and Pharmacology
Grade: Honours

Updated list of publications, book chapter, and communications available on ResearchGate: https://www.researchgate.net/profile/Hugo-Bottemanne