

BIOGRAPHICAL SKETCH

Panos Bitsios

Name: <i>BITSIOS Panos</i>	POSITION TITLE: Professor of Psychiatry
Personal Webpage: http://bitsioslab.med.uoc.gr	

EDUCATION /TRAINING

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Aristotelian University of Thessaloniki, Greece	MD	6	Medicine
Aristotelian University of Thessaloniki, Greece	Psychiatry	4	Psychiatry
University of Nottingham, UK	Psychiatry	1	Psychiatry
University of Nottingham, UK	PhD	4	Psychopharmacology Psychophysiology

A. ACADEMIC AND PROFESSIONAL POSITIONS**POSITIONS HELD**

1997-1998 Clinical Lecturer/Honorary Specialist Registrar, Queens Medical Centre, Department of Psychiatry, University of Nottingham, UK

1998-1999 Consultant Psychiatrist, Leicester General Hospital, Leicestershire Partnership NHS Trust, UK

1999-2003 Lecturer in Psychiatry, School of Medicine, University of Crete

2003-2012 Assistant Professor of Psychiatry, School of Medicine, University of Crete

2006-2013 Visiting Senior Research Fellow, Institute of Psychiatry, Section of Neurobiology of Psychosis, London UK

2012- 2017 Associate Professor of Psychiatry, School of Medicine, University of Crete

2013- Head of Child and Adolescent Services, University General Hospital, Heraklion Crete

2014- Head of University Mental Health Consultation Centre for Students, University of Crete

2017- Professor of Psychiatry, School of Medicine, University of Crete

ADVISORY-ADMINISTRATIVE DUTIES

2000-present Full member of the Executive Committee for the Students MHC (Mental Health Consultation Centre)

2005-2006 Psychiatric Consultant- Member of the Oncology Committee, University General Hospital of Heraklion

2006. Member of the Undergraduate Studies Committee, School of Medicine, University of Crete

2009-present. Member of the MSc Neuroscience Executive Committee, School of Medicine, University of Crete

2011-2012. Member of the Postgraduate Studies Committee, School of Medicine, University of Crete

2014-2017 Alumni Committee, School of Medicine, University of Crete

2014-2017 Committee of Research and Infrastructure, School of Medicine, University of Crete

Applicant Name (Last, first, middle):

B. RESEARCH INTERESTS

I have been conducting translational research in psychiatry since 1996 with a particular focus on developing and exploring valid translational paradigms in humans for research in the psychoses, affective processing in mood disorders, anxiety and arousal. To this end, we study (endo)phenotypes such as the prepulse inhibition of the acoustic startle response, aspects of cognition and the modulation of startle and the pupillary light reflexes by affective states, threat, and arousal. We investigate the genetic architecture of these phenotypes, their association with cognitive functions, personality dimensions and their response to pharmacological and psychological interventions in healthy, high risk and patient populations. The central aim is to characterize these phenotypes, in the belief that learning about them will inform us on core pathophysiological dimensions and the neurobiology of psychosis and anxiety. Our hope is that this will aid psychiatric diagnosis, facilitate the development of customized treatments and ultimately improve patient care. A large part of my research is focused on the neurobiology and genetics of schizophrenia-spectrum disorders. I have initiated and have been the Principal Investigator in the LOGOS (Learning On Genetics Of Schizophrenia) which represents one of the best studied cohorts that focuses on schizophrenia endophenotypes. Data from this sample are included to international initiatives on the genetic influence of cognitive and temperamental variation. I collaborate with the RHEA prospective, longitudinal mother and baby study team from the Department of Social Medicine on the early environmental determinants of child neurodevelopment that may ultimately increase risk for childhood or adult-onset mental illness. I also collaborate with the International CUPID Consortium for the investigation of the relationship between chronic pain, somatization/alexithymia and depression.

C. SELECTED PEER-REVIEWED PUBLICATIONS *(max 10) (in chronological order).*

1. **Bitsios P**, Philpott A, Langley RW, Bradshaw CM, Szabadi E (1999) Comparison of the effects of diazepam on the fear-potentiated startle reflex and the fear-inhibited light reflex in man. *Journal of Psychopharmacology* **13(3)**: 226-234
2. **Bitsios P**, Giakoumaki SG, Frangou S (2005). The effects of dopamine agonists on prepulse inhibition (PPI) in healthy males depend on baseline PPI values. *Psychopharmacology* **182**: 144-52
3. **Bitsios P**, Giakoumaki SG, Theou K, Frangou S (2006). Increased PPI is associated with better strategy formation and execution times in healthy males. *Neuropsychologia* **44**: 2494-9
4. Giakoumaki SG, Roussos P, Rogdaki M, **Bitsios P**, Frangou S (2007). Evidence of Disrupted Prepulse Inhibition in Unaffected Siblings of Bipolar Disorder Patients. *Biol Psychiatry* **62**: 1418-22
5. Roussos P, Giakoumaki SG, Rogdaki M, Pavlakis S, Frangou S, **Bitsios P** (2008). Prepulse inhibition of the startle reflex in healthy males depends on the catechol O-methyltransferase Val158Met gene polymorphism. *Psychological Medicine* **38(11)**:1651-8
6. Roussos P, Giakoumaki SG, **Bitsios P** (2009). Tolcapone effects on gating, working memory and mood interact with the synonymous COMT rs4818C/G polymorphism. *Biol Psychiatry* **66(11)**:997-1004
7. Giakoumaki SG, **Bitsios P**, Frangou S, Roussos P, Aasen I, Galea A, Kumari V (2010). Low Baseline Startle and Deficient Affective Startle Modulation in Remitted Bipolar Disorder Patients and their Unaffected Siblings. *Psychophysiology* **47**: 659-668
8. Roussos P, Giakoumaki SG, Georgakopoulos A, NK Robakis NK, **Bitsios P**. (2011). The CACNA1C and ANK3 risk alleles impact on affective personality traits and startle reactivity but not on cognition or gating in healthy males. *Bipolar Disorders* **13(3)**:250-9
9. Lencz T, Knowles E, Davies G, Guha S, Liewald DC, Starr JM, Djurovic S, Melle I, Sundet K, Christoforou A, Reinvang I, Mukherjee S, Derosse P, Lundervold A, Steen VM, John M, Espeseth T, Rääkkönen K, Widen E, Palotie A, Eriksson JG, Giegling I, Konte B, Ikeda M, Roussos P, Giakoumaki S, Burdick KE, Payton A, Ollier W, Horan M, Donohoe G, Morris D, Corvin A, Gill M, Pendleton N, Iwata N, Darvasi A, **Bitsios P**, Rujescu D, Lahti J, Hellard SL, Keller MC, Andreassen OA, Deary IJ, Glahn DC, Malhotra AK. Molecular genetic evidence for overlap between general cognitive ability and risk for schizophrenia: a report from the Cognitive Genomics consortium (COGENT) (2014). *Mol Psychiatry*. **19(2)**:168-74.
10. Panos Roussos, Stella G Giakoumaki; Chrysoula Zouraki; John F Fullard; Vasiliki Eirini Karagiorga; Eva-Maria Tsapakis; Zoe Petraki; Larry J Siever; Todd Lencz; Anil Malhotra; Cleanthe Spanaki; **Panos Bitsios**. (2016). The Relationship of Common Risk Variants and Polygenic Risk for Schizophrenia to Sensorimotor Gating. *Biological Psychiatry* **79(12)**: 988-96