CURRICULUM VITAE

George Panagis, PhD

Professor in Biopsychology

PERSONAL DATA

Date and place of birth	December 3, 1970, Heraklion, Crete, Greece
Nationality	Greek
Marital status	Single
Work address	University of Crete, School of Social Sciences, Department of Psychology, Laboratory of Behavioral Neuroscience, Gallos, 74100 Rethymno, Crete, Greece. Tel.: +30 2831077544 FAX: +30 2831077578 e-mail: panagis@uoc.gr

EDUCATION

1988-1992	BSc in Philosophy and Social Studies, Department of Philosophy and Social Sciences, University of Crete.
1992-1995	BSc in Psychology Department of Psychology, University of Crete.
1992-1996	PhD in Neuropsychopharmacology School of Medicine, University of Crete.
1993	Graduate course (2 weeks) in Neurophysiology, School of Medicine, University of Patras.
1995	Graduate course (2 weeks) in Neuropsychopharmacology, School of Medicine, University of Crete.
1995	Licensure in Psychology

ACADEMIC APPOINTMENTS - PROFESSIONAL EXPERIENCE

October 1995- August 1997	Adjunct Faculty Appointment, Department of Psychology, University of Crete.
April 1997-April 1998	Postdoctoral Fellow, Karolinska Institutet, Department of Physiology and Pharmacology, Division of Pharmacology, Section of Neuropsychopharmacology, Stockholm, Sweden.
March 1999-August 2000	Adjunct Faculty Appointment, Department of Psychology, University of Crete.
August 2000-August 2004	Lecturer in Biopsychology, Department of Psychology, University of Crete.
September 2001-present	Member of the Graduate Program in Neurosciences (non-salaried), School of Medicine, University of Crete.
2002-04 & 2007-09	Member of the Governing Council of the Hellenic Society for Neuroscience.
2003-2004	Invited Guest Editor of a Special issue on "Neuroscience of Behavior" of *Hellenic Journal of Psychology, published* in 2004 (non-salaried).
August 2004-January 2010	Assistant Professor in Biopsychology, Department of Psychology, University of Crete.
January 2010-June 2015	Associate Professor in Biopsychology, Department of Psychology, University of Crete.
March 2010-December 2010	Visiting Professor, Department of Psychiatry and Psychotherapy, Charité Universitätsmedizin Berlin, Berlin, Germany.
2011-2013	General Secretary of the Hellenic Society for Neuroscience.
June 2012-Jule 2012	Visiting Professor, University of Cagliari, Department of Biomedical Sciences, Neuropsychopharmacology Section, Cagliari, Italy.
2013-2015	President of the Hellenic Society for Neuroscience.
2014-2015	Guest Editor (in collaboration with Dr S. Vlachou) in Frontiers in Neuroscience, section Neuropharmacology. Research Topic Title: Neuropharmacology of drug reward: Implications for drug addiction.

June 2015 – present	Professor in Biopsychology, Department of Psychology, University of Crete.

FELLOWSHIPS

June-September 1994	Erasmus Fellowship, European Union, for 3-month research in the Karolinska Institute, Department of Physiology and Pharmacology, Division of Pharmacology, Section of Neuropsychopharmacology, Stockholm, Sweden.
July-October 1995	Short term fellowship from the European Science Foundation for research in Karolinska Institute, Department of Physiology and Pharmacology, Division of Pharmacology, Section of Neuropsychopharmacology, Stockholm, Sweden.
January-August 1998	Postdoctoral Research Fellowship, Karolinska Institutet (gästforskaranslag), project entitled: "Nicotine dependence in schizophrenia: An experimental study on the role of α7 nicotinic receptors" (12.000 SEK/month for 8 months).

HONORS-AWARDS

1990-91	Fellowship, National Scholarship Foundation of Greece.
1992	Prize for Academic Excellence by the member of Greek Parliament E. Dretakis.
1993	BSc with Highest Distinction, University of Crete, Greece.
1995	BSc with Highest Distinction, University of Crete, Greece. (Graduated 1st in the School of Social Sciences).
1996	Award from the Hellenic Society for Neuroscience for the best poster presentation in the 12th Annual Meeting (Ventral Pallidum self-stimulation induces stimulus dependent increase in c-fos expression in reward related brain regions).
2002	Award from the Hellenic Society for Neuroscience for the best poster presentation in the 17th Annual Meeting (Unravelling the role of cannabinoids in brain stimulation reward).
2017-18	"S. Pichoridis" Award for Excellence in Academic Teaching

TRAVEL AWARDS

1996	Travel award (100.000 DRS) by the Research Committee of the University of Crete to attend the 6th Biennial European Behavioural Pharmacology Society (EBPS) Meeting (Cagliari, 1996).
1996	Travel award (150.000 DRS) from the Research Committee of the University of Crete to attend the 26th Annual Meeting of the Society for Neuroscience (Washington, D.C., 1996).
1998	Travel award (6.200 SEK) from Karolinska Institute to attend the 18th Winter Conference on Brain Research (France, 1998).
2013	Travel award (1000 Euros) from the Research Committee of the University of Crete to attend the 15th Biennial European Behavioural Pharmacology Society (EBPS) Meeting (La Rochelle, France, Sept 2013).

ADMINISTRATIVE EXPERIENCE

University of Crete

1. Representative for the School of Social Sciences to the University of Crete Senate (2003-2004).

2. Member of the plenary of the Research Committee of the University of Crete (2009-11 & 2011-14).

3. Member of the 7-member plenary of the Research Committee of the University of Crete (2011-14).

4. Member of the Committee assigned the task of developing the Code of Research Ethics for the University of Crete (2012).

5. Member of the Committee for the drafting of the revised Funding Regulations of the Research Committee of the University of Crete (2012).

6. Member of the Quality Assurance Unit of the University of Crete (2013-2018).

School of Social Sciences

1. Dean of the School of Social Sciences (2020-present)

Department of Psychology

1. Member of the committee responsible for promoting the work of the Department of Psychology and Psychology as a discipline to secondary school students (2000-01).

2. Member of the University Library Committee (2000-2006).

3. Member of the committee responsible for receiving purchases made by the Departments of Psychology (2001-2011).

4. Member of the committee overseeing the tendering of equipment and supplies for the Department of Psychology (2006-2010).

5. Member of the committee overseeing enrollment procedures (2001-02 & 2004-05).

6. Member of the committee responsible for keeping records of the Department of Psychology's property (2006-2007).

7. Member of the committee overseeing textbook orders (2004-2006).

8. Member of the committee for validating credits and courses earned at other higher education institutions (2004-2006).

9. Chair of the committee for validating credits and courses earned at other higher education institutions (2006-2011).

10. Member of the Committee for the registry of the property of the Department of Psychology (2011).

11. Chair of the Committee of the Department's Curriculum (2011-2012).

12. Chair of the Department of Psychology (2014-2018).

13. Director of the graduate program "Clinical Interventions in Addictions" (2016-present)

Advisory Committee for the Recruitment or Promotion of Faculty Members

Lecturer Position of General Psychology, Department of Psychology, University of Crete.

Assistant Professor of Clinical Neuropsychology, Department of Psychology, University of Crete.

Associate Professor of Psychobiology, Department of Primary Education, University of Patras.

Associate Professor of Experimental Psychology, School of Medicine, University of Athens.

Assistant Professor of Biological Psychology, Department of Psychology, Aristotle University of Thessaloniki.

Professor of Basic Neuroscience, Department of Psychology, Aristotle University of Thessaloniki.

Assistant Professor of Physiology of Behavior, Department of Psychology, University of Crete.

Hellenic Society for Neuroscience
Member of the Governing Council (2002-04 & 2007-09)

General Secretary (2011-2013)

President (2013-2015)

Federation of the European Neurosciences Societies (FENS)
Member of the Governing Council (2013-15)

European Behavioural Pharmacology Society (EBPS)
Member of the Executive Committee (2015-19)

Organization against Drugs of Greece (OKANA)
Member of the Governing Council (2017-2020)

Member of Organizing Committees and Symposia
17th Annual Meeting of the Hellenic Society for Neuroscience (Rethymno, Crete, 4-6/10/2002).

1st Hellenic Congress of Political Psychology (Rethymno, Crete, 19-22/5/2005).

2nd Hellenic Congress of Political Psychology (Rethymno, Crete, 18-21/5/2006).

20th Annual Meeting of the Hellenic Society for Neuroscience (Heraklion, Crete, 29/9-1/10/2006).

Annual Meeting of the Hellenic Society for Neuroscience (Athens, 1-2/10/2010).

One-day Neuroscience Advocacy Workshop to to champion the importance of neuroscience research funding to prominent politicians, pharmaceutical industry members, and the press (Heraklion, 6/10/2012).

Annual Meeting of the Hellenic Society for Neuroscience (Athens, 28-30/11/2013).

FENS Featured Regional Meeting (Thessaloniki, 7-10/10/2015).

TEACHING EXPERIENCE (COURSES DEVELOPED AND TAUGHT)

1992-1997:	Teaching assistant, laboratory courses in Pharmacology, Medical School, University of Crete.
1995-1997, 1999-present:	Teacher in-charge (organisation, structure and teaching) of the following undergraduate courses in the Department of

	Psychology, University of Crete: 1. Physiology of Behavior I 2. Neuropsychology 3. Psychopharmacology 4. Biopsychology of emotions, reward and addiction 5. Biopsychology of mental disorders 6. Psychopharmacology of addiction and drugs of abuse 7. Biopsychology of anxiety 8. Clinical Neuroscience 9. Laboratory exercises in Biological Psychology
2000-present:	Lecturer, graduate program in Neurosciences, School of Medicine, University of Crete.
2005-2015:	Lecturer, graduate program in Health Psychology, Department of Psychology, University of Crete.
2016-present	Lecturer, graduate program in Clinical Interventions in Addictions, Department of Psychology, University of Crete.

TRAINEES AND MENTORING

PhD Thesis advisor or committee member

1. Styliani Vlachou, PhD (2006):	Dissertation title "The role of endogenous cannabinoid system on behavior and reward mechanisms: an experimental study in rodents" (PhD Thesis advisor).
3. Anna Tsantila, PhD (2006):	Dissertation title "Affect and language: a classification model" (Committee member).
4. Antonela Marazioti, PhD (2007):	Dissertation title "Functional mapping of somatostatin receptors in the basal ganglia through the study of its interactions with other neurotransmitter systems" (Committee member).
5. Styliani Giakoumaki, PhD (2005):	Dissertation title "Pharmacological and psychophysiological study of prepulse inhibition of the startle reflex in the man" (Committee member).
6. Hourdaki Eugenia, PhD (2006):	Dissertation title "Psychophysiological investigation of the fear-inhibited light reflex in the man" (Committee member).
7. Maria Mavrikaki, PhD (2011):	Dissertation title "Development of an animal model for the study of bipolar disorder and the action of mood stabilizing agents in the rat" (PhD Thesis advisor).

8. Fanariotou Helen, PhD (2016):	Dissertation title "Effects of cannabinoids on the dopaminergic system of the brain" (Committee member).
9. Xenia Konstantoudaki, PhD (2014):	Dissertation title "The Role of Inhibition in Behavior and Physiology of Mouse Cerebral Cortex" (Committee member).
10. Vicky Katsidoni (2012-present):	Dissertation title "Interactions of physical exercise with brain reward systems: an experimental study in the rat" (PhD Thesis advisor).
11. Giulia Margiani, PhD (2018)	"Intravenous self-administration of the synthetic cannabinoid receptor agonist JWH-018 in adolescent mice: Neurobiological sequelae in adulthood" Università degli Studi di Cagliari. (External reviewer).
12. Gkintoni Evgenia, PhD (2018)	"Neurocognitive deficits and elements of general psychopathology in first - degree relatives of patients with psychotic symptomatology: association with guality of life and functionality" (Committee member).
13. Zouraraki Chrysoyla, PhD (2019)	"The effects of negative and positive schizotypal traits on psychosis endophenotypes in high risk groups" (Committee member).
14. Stavroulaki Vasiliki, PhD (2021)	"The effects of working memory training on cognitive functions and the neural substrate in both humans and mice" (Committee member).

MSc Thesis advisor & Research Internship Students

1. Fygaleia Stamatopoulou, MSc (2004)	Graduate student in Neurosciences, School of Medicine, University of Crete (MSc Thesis advisor).
2. Maria Mavrikaki (2006-07)	Student at the Department of Psychology, University of Crete (Undergraduate Diploma Thesis supervisor).
3. Stefanos Fokos (2007-08)	Student at the Department of Psychology, University of Crete (Undergraduate Diploma Thesis supervisor).

4. Vicky Katsidoni (2008-09)	Student at the Department of Psychology, University of Crete (Undergraduate Diploma Thesis supervisor).
5. Maria Mavrikaki, MSc (2010)	Graduate student in Neurosciences, School of Medicine, University of Crete (MSc Thesis advisor).
6. Vicky Katsidoni, MSc (2012)	Graduate student in Neurosciences, School of Medicine, University of Crete (MSc Thesis advisor).
7. Katerina Nikolaou, MSc (2016)	Graduate student in Neurosciences, School of Medicine, University of Crete (MSc Thesis advisor).
8. Georgios Pitsilis, MSc (2018)	Graduate student in Clinical Interventions in Addictions, Department of Psychology, University of Crete (MSc Thesis advisor).

7. I have been member of MSc Thesis committees for 12 students from graduate programs in Greece.

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

- Society for Neuroscience
- International Brain Research Organization (IBRO)
- Federation of European Neuroscience Societies (FENS)
- European Behavioural Pharmacology Society (EBPS)
- Hellenic Society for Neuroscience
- Hellenic Psychological Society
- Hellenic Pharmacological Society

ADVISORY ACTIVITIES

Editor - Membership in Editorial boards

2004-present	Scientific Year Book of the Psychological Society of Northern Greece.
2004	Hellenic Journal of Psychology (Guest Editor, Vol.1, issue 1, 2004).
2009-present	The Open pain Journal
2011-present	World Journal of Pharmacology
2011-present	World Journal of Psychiatry

2011-2013	Research in Neuroscience
2013-present	Research in Neuroscience (Editor)
2012-present	Psychiatry Journal
2013-present	Advances in Neuroscience Research
2014-2020	Frontiers in Behavioral Neuroscience (Review Editor)
2014-present	Frontiers in Neuropharmacology (Associate Editor)
2014-2015	Frontiers in Neuroscience, Section Neuropharmacology (Guest Editor, Research Topic Title: Neuropharmacology of drug reward: Implications for drug addiction).
2020-present	Frontiers in Behavioral Neuroscience (Associate Editor).
2021-present	Brain Sciences
2021-present	Journal of Integrative Neuroscience

Reviewer for Academic Journals

Acta Pharmacologica Sinica, Addiction Biology, Behavioural Brain Research, BMC Research Notes, Brain Research, Brain Sciences, Cerebral Cortex, Developmental Neurobiology, Drug and Alcohol Dependence, European Journal of Nuclear Medicine and Molecular Imaging, European Neuropsychopharmacology, Expert Opinion in Drug Discovery, International Journal of Neuropsychopharmacology, International Journal of Psychophysiology, Frontiers in Behavioral Neuroscience, Frontiers in Systems Neuroscience, Hellenic Journal of Psychology, Journal of Clinical Investigation (JCI), Journal of Psychopharmacology, Life Sciences, Neurochemical Research, Neuropharmacology, Neuropsychopharmacology, Neuroscience & Biobehavioral Reviews, Neuroscience Letters, Pharmacology, Biochemistry and Behavior, Physiology & Behavior, Progress in Neuropsychopharmacology and Biological Psychiatry, Psychologia, Psychopharmacology, Research in Neuroscience, Scientific Reports, Synapse, The Journal of Pharmacology and Experimental Therapeutics, The Open Pain Journal, World Journal of Pharmacology, World Journal of Psychiatry, Translational Psychiatry

Reviewer for Granting Agencies

Research Committee and University Research Institute of the University of Macedonia

National Sciences and Engineering Research Council of Canada (NSERC)

Ministry of Education of Greece – EPEAEK Herakleitos II

The Netherlands Organisation for Health Research and Development (ZonMw)

National Science Centre of Poland.

Hellenic Foundation for Research and Innovation (ELIDEK)

Research & Innovation Foundation (IDEK, Cyprus)

RESEARCH EXPERIENCE AND TECHNICAL SKILLS

- Establishment and full set-up of the Behavioral Neuroscience Laboratory at the Department of Psychology, University of Crete in collaboration with Associate Professor A. Kastellakis.
- Common surgical and histological techniques such as stereotaxic brain surgery, intravenous catheter implantation, brain extraction, brain slice preparation and staining.
- Administration of drugs (intraperitoneal, intramuscular, subcutaneous, intracerebral).
- Neurotoxic lesions.
- Immunohistochemistry.
- In vivo brain dialysis (microdialysis).
- Intracranial self-stimulation paradigm in rats (rate-frequency curve-shift method).
- Motor activity evaluation.
- Conditioned place preference paradigm.
- Conditioned taste aversion paradigm.
- Elevated plus maze paradigm.
- Evaluation of somatic withdrawal syndrome in drug-dependent rats.

RESEARCH GRANTS

1. " Neuropsychopharmacology of nicotine dependence: Implications for psychiatric illness" Swedish Match, total budget: 150.000 SEK, 1998, Co-investigator (Principal Investigator: George Nomikos).

2. "The role of the endogenous cannabinoid system on behaviour and reward mechanisms: An experimental study on the rat", Ministry of Education (Heraklitos I), total budget: 32.823 euros, 2002, Grant for the doctoral research of S. Vlachou.

3. "Synthesis and pharmacological study of new cannabinoid analogs" General Secretariat-Ministry of Research and Development (EPAN), budget for the team: 43.960 euros, 2003-2006, Principal Team Member.

4. "Potential reinforcing properties of cannabinoids after acute administration and following disturbed homeostasis: An experimental study in the rat" Research Committee of the University of Crete, total budget: 5.000 euros, 2006-2007, Principal Investigator (PI).

5. "Study of the role of 5-HT_{2A} and 5-HT_{2C} receptors in the reinforcing actions of cocaine" Research Committee of the University of Crete, total budget: 6.000 euros, 2007-2009, PI.

6. "Study of brain reward function after acute and chronic administration of mood stabilizers" Research Committee of the University of Crete, total budget: 9.500 euros, 2008-2010, PI.

7. "Unraveling the molecular/cellular alterations and neuroadaptations developed after chronic treatment with lithium and aripiprazole: Implications for understanding the neurobiology and advancing the pharmacotherapy of bipolar disorders" Research Committee of the University of Crete, total budget: 10.000 euros, 2011-2012, PI.

8. "Study of the effects of cannabidiol on brain reward and the reward-facilitating effects of addictive drugs" Research Committee of the University of Crete, total budget: 1.800 euros, 2012-2013, PI.

9. "Interactions between exercise and brain reward systems: Consequences on drug addiction and synaptic function" Research Committee of the University of Crete, total budget: 15.000 euros, 2014-2016, PI.

RESEARCH INTEREST

My research interests are in the area of Behavioural Pharmacology. I am particularly interested in developing in-depth understanding of the neurobiological substrate of reward and neurobiological mechanisms of drug addiction, especially the role of the endocannabinoid system in these processes. Considering the fact that drug addiction remains one of our society's many problems, finding an environmental protective factor is concomitantly a challenge and an imperative. Physical activity could be a possible protective mechanism. Taking this into consideration, our current research is focused on understanding the behavioural and neurobiological effects of chronic voluntary exercise on brain reward circuits and on the effects of drugs of abuse. Our ultimate goal is to understand how positive environmental factors can produce changes in particular neurocircuits to act protectively and possibly prevent substance abuse and addiction. From a heuristic perspective, these studies provide a framework for further molecular and cellular research that will identify the basis for individual in vulnerability to addiction. In our studies we employ a multidisciplinary approach that includes complex behavioural paradigms and physiological analyses (i.e. neurochemical methods).

INVITED PRESENTATIONS, SEMINARS AND MEETINGS

1. Seminar: "Neuropsychopharmacology of nicotine dependence: The role of dopaminergic systems", Laboratory of Pharmacology, School of Medicine, University of Crete (1994).

2. Seminar: "The role of ventral pallidum in reward", Karolinska Institutet, Department of Physiology and Pharmacology, Division of Pharmacology, Section of Neuropsychopharmacology, Stockholm Sweden (1995).

3. Seminar: "Psychopharmacology of reinforcement and addiction: Methodological approaches and experimental data", Laboratory of Experimental Pharmacology, School of Medicine, University of Athens (2001).

4. Symposium: "Brain and Behavior", 1st Meeting of the Psychological Society of Northern Greece, Volos (2003).

5. Seminar: "Neurobiology of addiction", Graduate Program in Cognitive Psychology, Department of Psychology, Aristoteleion University of Thessaloniki (2005).

6. Meeting: Invited speaker at the symposium “Addictive drugs: from the bench to the clinic”. Title of presentation: “The role of experimental models in the study of drug addiction”, Athens (2005).

7. Seminar: “The brain and drug addiction”, Prevention Center for drug abuse and drug dependence, Rethymno, Crete (2006).

8. Seminar: “Addiction as a brain disease”, Municipality of Moires and Center for Primary Health of Moires, Heraklion, Crete (2006).

9. Symposium: Invited speaker at the symposium “The endocannabinoid system: from basic pharmacology to the clinic”. Title of presentation: “Cannabinoids: drugs of abuse or drugs to treat drug addiction”, Patras (2006).

10. Symposium: Invited speaker at the symposium “Cannabis and the brain”. Title of presentation: “On the role of the endocannabinoid system on reward functions: Studies using the intracranial self-stimulation paradigm”, Athens (2006).

11. Meeting: Invited speaker at the meeting “Addiction or the illness of dependence: from neurobiology to treatment”. Title of presentation: “Neurobiology of drug dependence”, Athens (2008).

12. Meeting: Invited speaker at the meeting “Topics in Neurology”. Title of presentation: “Neurocognitive effects of drug abuse: Experimental findings and clinical aspects”, Patras (2009).

13. Meeting: Invited speaker at the meeting “Addiction or the illness of dependence: from neurobiology to treatment”. Title of presentation: “Drug addiction and the brain”, Thessaloniki (2009).

14. Meeting: Invited speaker at the meeting “Alcohol and drugs”. Title of presentation: “Drug addiction and the brain”, Rethymno (2010).

15. Meeting: Invited speaker at the meeting “Effects of addictive drugs on the brain. Prevention, detoxification and recovery”. Title of presentation: “Effects of addictive drugs on the brain”, Heraklion (2010).

16. Meeting: Invited speaker at the meeting “Topics in Neurology: Parkinson’s disease”. Title of presentation: “The endocannabinoid system as a target for the treatment of Parkinson’s disease”, Patras (2010).

17. Seminar: “Intracranial self-stimulation as an animal model for the increased reward-seeking domain of mania: effects of mood stabilizers” Charité– Universitätsmedizin Berlin, Department of Psychiatry and Psychotherapy, Neuroimaging group (12-4-2010).

18. Seminar: “Unravelling the Role of Cannabinoids in Brain Stimulation Reward” Charité– Universitätsmedizin Berlin, International Graduate Program Medical Neurosciences (5-5-2010).

19. Seminar: “Modeling mania with intracranial self-stimulation: effects of mood stabilizers” Department of Psychiatry**,** University of California, San Diego (18-11-2010).

20. Meeting: Invited speaker at the meeting “Brain and mental illness: views and perspectives”. Title of presentation: “Effects of addictive drugs on the brain”, Rethymno (Brain Awareness Week, 14-3-2011).

21. Meeting: Invited speaker at the meeting “Brain: Our most known unknown”. Title of presentation: “Addiction and the brain”, Heraklion (Brain Awareness Week, 18-3-2011).

22. Seminar: “ Neurobiology of addiction” Department of Psychology, University of Cyprus, Nicosia, Cyprus (September 2011).

23. Meeting: Invited speaker at the meeting “The addicted brain that we (don’t) know”. Title of presentation: “Drug addiction and the brain”, Rethymno (Brain Awareness Week, 14-3-2012).

24. Seminar: “Alcohol, adolescence and the brain”, Experimental Gymnasium of Heraklion, Crete (Brain Awareness Week, 16-3-2012).

25. Seminar: “Biopsychology of addiction” School of Nursing and Human Sciences, Program in Psychology**,** Dublin City University, Dublin (18-4-2012).

26. Seminar: “Modeling mania with intracranial self-stimulation: effects of mood stabilizers” School of Nursing and Human Sciences, Program in Psychology**,** Dublin City University, Dublin (20-4-2012).

27. Seminar: “Intracranial self-stimulation as a model to study brain reward and the hedonic effects of addictive drugs”, University of Cagliari, Department of Biomedical Sciences, Toxicology Section, Cagliari, Italy (28-6-2012).

28. Seminar: “Unravelling the Role of Cannabinoids in Brain Stimulation Reward”, University of Cagliari, Department of Biomedical Sciences, Toxicology Section, Cagliari, Italy (3-7-2012).

29. Seminar: “Modeling mania with intracranial self-stimulation: effects of mood stabilizers”, University of Cagliari, Department of Biomedical Sciences, Toxicology Section, Cagliari, Italy (5-7-2012).

30. Meeting: Invited speaker at the advocacy event organized by the Hellenic Society for Neuroscience “The Neurosciences in Greece: Challenges of the Future”. Title of presentation: “Behavioral Neuroscience in Crete”, Heraklion, Crete (6-10-2012).

31. Meeting: Invited speaker at the meeting “The mental health today: The role of the brain”. Title of presentation: “On the role of the brain in drug addiction”, Rethymno (Brain Awareness Week, 13-3-2013).

32. Seminar: “Biopsychology of reward” Department of Psychology, Freie Universität Berlin (May 2013).

33. Seminar: “Intracranial self-stimulation as a model to study brain reward and the hedonic effects of addictive drugs”, Department of Psychobiology, Complutense University, Madrid (June 2013).

34. Seminar: “Effects of mood stabilizers on brain stimulation reward and neuroplasticity markers in the limbic forebrain”, Department of Psychobiology, Complutense University, Madrid (June 2013).

35. Seminar: “Drugs of abuse and reward systems”, EuronWorkshop: Psychopharmacology: From Laboratory to Clinic (Heraklion, October 2017).

36. Seminar: “Cannabinoids and reward: lessons from intracranial self-stimulation studies”, EuronWorkshop: Drugs and the Brain: From Laboratory to Clinic (Heraklion, September 2021).

LIST OF PUBLICATIONS

A. Journal peer-reviewed articles

1. Panagis G., Miliaressis E., Anagnostakis Y. and Spyraki C. (1995). Ventral Pallidum self-stimulation: A moveable electrode mapping study, *Behavioural Brain Research*, 168 (2), 165-172. *[impact factor 3.332]*.
2. Panagis G., Spyraki C. and Miliaressis E. (1995). Post-stimulation excitability of ventral pallidum self-stimulation neurons, *Behavioral Neuroscience*, 109 (4), 777-781. *[impact factor 1.912]*.
3. Panagis G. and Spyraki C. (1996). Neuropharmacological evidence for the role of dopamine in ventral pallidum self-stimulation, *Psychopharmacology*, 123 (3), 280-288. *[impact factor 4.530]*.
4. Nisell M., Nomikos G., Hertel P., Panagis G. and Svensson T.H. (1996). Condition-independent sensitization of locomotor stimulation and mesocortical dopamine release following chronic nicotine treatment in the rat, *Synapse*, 22, 369-381. *[impact factor 2.562]*.
5. Panagis G., Nisell M., Nomikos G.G., Chergui K. and Svensson T.H. (1996). Nicotine injections into the ventral tegmental area increase locomotion and Fos-like immunoreactivity in the nucleus accumbens of the rat, *Brain Research*, 730, 133-142. *[impact factor 3.252]*.
6. Panagis G., Nomikos G.G., Miliaressis E., Chergui K., Kastellakis A., Svensson T.H. and Spyraki C. (1997). Ventral Pallidum self-stimulation induces stimulus dependent increase in c-fos expression in reward related brain regions, *Neuroscience*, 77, 175-186. *[impact factor 3.590]*.

7. Panagis G., Kastellakis A. and Spyraki C. (1998). Involvement of the ventral tegmental area opiate receptors in self-stimulation elicited from the ventral pallidum, *Psychopharmacology*, 139, 222-229. *[impact factor 4.530]*.
8. Nomikos G.G., Hildebrand B.E., Panagis G. and Svensson T.H. (1999). Nicotine withdrawal syndrome in the rat: role of α7 nicotinic receptors in the ventral tegmental area, *Neuroreport*, 10, 697-702. *[impact factor 1.837]*.
9. Hildebrand B.E., Panagis G., Svensson T.H. and Nomikos G.G. (1999). Behavioral and biochemical manifestations of mecamylamine-precipitated nicotine withdrawal: Role of nicotinic receptors in the ventral tegmental area, *Neuropsychopharmacology*, 21, 560-574. *[impact factor 7.853]*.
10. Panagis G., Hildebrand B.E., Svensson T.H. and Nomikos G.G. (2000). Selective c-fos induction and decreased dopamine release in the the central nucleus of amygdala in rats displaying a mecamylamine-precipitated nicotine withdrawal syndrome. *Synapse*, 35, 15-25. *[impact factor 2.562]*.
11. Panagis G., Kastellakis A., Spyraki C. and Nomikos GG (2000). Effects of methyllycaconitine (MLA), an alpha 7 nicotinic receptor antagonist, on nicotine- and cocaine- induced potentiation of brain stimulation reward, *Psychopharmacology*,149, 388-396. *[impact factor 4.530]*.
12. Schilström, B., Fagerquist, M.V., Zhang, X., Hertel, P., Panagis, G., Nomikos, G.G. and Svensson, T.H. (2000). Putative role of presynaptic a7 nicotinic receptors in nicotine stimulated increases of extracellular levels of glutamate and aspartate in the ventral tegmental area, *Synapse*, 38, 375-383. *[impact factor 2.562]*.
13. Nomikos, G.G., Schilström, B., Hildebrand, B.E., Panagis, G., Grenhoff, J. and Svensson, T.H. (2000). Role of α7 nicotinic receptors in nicotine dependence and implications for psychiatric illness, *Behavioural Brain Research*, 113, 97-103. *[impact factor 3.332]*.
14. Panagis, G. and Kastellakis, A. (2002). The effects of ventral tegmental administration of $GABA_A$, $GABA_B$, NMDA and AMPA receptor agonists on ventral pallidum self-stimulation, *Behavioural Brain Research*, 131, 115-123. *[impact factor 3.332]*.
15. Vlachou, S., Nomikos, G.G. and Panagis, G. (2003). WIN 55,212-2 decreases the reinforcing actions of cocaine through CB_1 cannabinoid receptor stimulation, *Behavioural Brain Research*, 141, 215-222. *[impact factor 3.332]*.
16. Antoniou, K., Papathanasiou, G., Panagis, G., Nomikos, G.G., Hyphantis, T. and Papadopoulou-Daifoti, Z. (2004). Individual responses to novelty predict qualitative

differences in d-amphetamine-induced open field but not reward-related behaviors in rats, *Neuroscience*, 123, 613-623. *[impact factor 3.590]*.

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F. CITATIONS

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