

# 3rd International Congress on Neurobiology, Psychopharmacology & Treatment Guidance

ICNP2013



May 30<sup>th</sup> - June 2<sup>nd</sup> 2013  
Thessaloniki Greece  
The Met Hotel



INTERNATIONAL SOCIETY of NEUROBIOLOGY  
& PSYCHOPHARMACOLOGY

2008 • ISNP



World Psychiatric Association

Under the auspices of:



School of Medicine  
Aristotle University of Thessaloniki, Greece



Hellenic Psychiatric Association



Psychiatric Association  
for Eastern Europe and the Balkans



World Association for Social Psychiatry



European Psychiatric Association

Accredited with **21 CME** credits by UEMS/EACCME  
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[www.psychiatry.gr](http://www.psychiatry.gr)

Scientific Program



ICNP2013

3rd International Congress on  
**Neurobiology,  
Psychopharmacology  
& Treatment Guidance**  
Thessaloniki Greece

Dear colleagues,

After the great success of **ICNP2011**, this third Congress aims again at being useful for the clinician who fights everyday in the first line for the treatment of real-world patients. In this frame, our goal is to provide a global and comprehensive update of the newest developments in Psychiatry and the allied sciences, in a way which should be both focused and enriched.

Once more, many world experts have been invited to share with us their knowledge and experience, again under the support and guidance of the World Psychiatric Association and the Auspices of the School of Medicine, Aristotle University of Thessaloniki and important international associations.

The central axis is the teaching and application of clinical useful new knowledge with special focus on the informed treatment with psychopharmacological agents in a truly multidisciplinary approach. Although the congress will embrace high tech research concerning psychopathology, new treatment methods, genetics and molecular biology, it also aims to put the emphasis on the human factor, both the therapist and the patient. Because apart from the humanistic tradition of psychiatry and allied sciences, the continuous and unconditional investment on the high level training of professionals and the education of patients and their families, has emerged as a significant challenge during the last few decades. Citizen empowerment should be the ultimate goal.

Medical scientists and public health policy makers are increasingly concerned that the scientific discoveries are failing to be translated efficiently into tangible human benefit. Today, in an all the more complex and technologically advanced environment, the human factor emerges again as the most valuable one, the factor that determines the final outcome.

We count on your active participation through the presentation of your work on any of the thematic topics of the congress. Your scientific contribution will be most welcomed and your particular contributions highly appreciated.

As hosts and organizers, we shall spare no effort in making your participation scientifically rewarding and meaningful and your stay in Thessaloniki and Greece as enjoyable as possible.



Konstantinos N. Fountoulakis  
As. Professor of Psychiatry,  
Aristotle University of Thessaloniki, Greece

Chair of the Organizing Committee  
3<sup>rd</sup> International Congress on Neurobiology,  
Psychopharmacology & Treatment Guidance



## Main Topics

The main topics of the Congress are the following:

- Abnormal Psychology
- Animal Models
- Anxiety disorders
- Basic Neuroscience
- Behavioural disorders
- Bioethics
- Biological rhythms
- Biomedical Technology
- Childhood and adolescence disorders
- Clinical Psychiatry
- Clinical Psychopharmacology
- Dementia
- Developmental Psychology
- Drug development
- Eating disorders
- Evidence-based psychiatry
- Experimental Psychology
- Experimental Psychopharmacology
- Forensic Psychiatry
- Health Economics and Quality of Life
- Information technology and neuroscience
- Learning abilities and disabilities
- Major disaster and mental health
- Memory and cognitive disorders
- Methodology in Psychiatric research
- Molecular Psychiatry
- Mood disorders
- Neural Networks
- Neuroimaging
- Neuropsychology
- Neurophysiology
- Neuropsychobiology
- Neuropsychoenocrinology
- Non pharmacological biological therapies
- Nosology and classification
- Personality
- Pharmacogenetics
- Psychiatric Genetics
- Psychobiology
- Psychogeriatrics
- Psychoimmunology
- Psycholinguistics
- Psychometrics
- Psychopathology
- Psychopharmacology
- Psychophysiology
- Psychosocial and other non-biological therapies and interventions
- Schizophrenia and other psychotic disorders
- Sexual behaviour and disorders
- Sleep
- Social Psychiatry
- Stress
- Substance abuse and dependence
- Suicide
- Temperament
- Transcultural Psychiatry
- Treatment guidelines
- Violence



**Honorary Chair of the Congress:** Norman Sartorius (Switzerland)

## Organizing Committee

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Vlassopoulou M. (Greece)  
Xiromeritis A. (Greece)

## General Information

### Congress Venue

The Met Hotel, Thessaloniki, Greece  
 48, 26<sup>th</sup> October Str., Tel: +30 2310 017 000, [www.themethotel.gr](http://www.themethotel.gr)

### Official Language

English will be the official language of the Congress. All printed material and poster presentations will be in English.

### Poster Awards

The International Society on Neurobiology and Psychopharmacology announces 5 awards for the 5 best posters which will be presented during the 2013 conference.  
 All submitted posters are considered candidates for the awards, unless otherwise stated by the author(s).

Chairpersons of the Posters Award Jury: Fountoulakis K.N. (Greece)

### CME Accreditation

The congress has been accredited with **21 CME** credits for the main congress program, by the European Accreditation Council for Continuing Medical Education (EACCME) Institution of the UEMS, to provide CME activity for medical specialists, recognized by the American Medical Association (AMA).

### Registration Fees

TYPE OF REGISTRATION	GROUP A countries	GROUP B countries	GROUP C countries	GROUP D countries
Specialists	300€	150€	100€	Free
Residents	150€	75€	50€	Free
Other mental health professionals	50€	Free	Free	Free
Students	Free	Free	Free	Free

Note: For countries' classification visit the official web site ([www.psychiatry.gr](http://www.psychiatry.gr)).

For free registrations the congress bag will be provided for 25 euros and according to availability.  
 All the scientific proceedings including book of abstracts will be available for free online in pdf format.

### Hotel Rates

Hotel Name	Type	Room for Single and Double use
The Met Hotel	Deluxe	145€
Porto Palace Hotel	Deluxe	115€

The above rates are daily per room including continental breakfast and taxes in Euro.

### Congress Secretariat



**Head office Thessaloniki:** 50A Stadiou Str. 555 35 Pilea, Thessaloniki, Greece  
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## Scientific Program

Thursday, May 30<sup>th</sup> 2013

### 09.00-11.10 **Round Table**

#### **Psycho-Endocrinology**

Chairpersons: **George Mastorakos** (Greece) and **Dimitrios G. Goulis** (Greece)

Hypothalamus: Anatomic and physiologic considerations

**Athina Kaprara** (Greece)

Metabolic actions of CNS-acting drugs

**Christos Tsametis** (Greece)

Endocrine diseases that affect CNS function

**Paschalia K. Iliadou** (Greece)

Stress: the complex interaction between CNS and endocrine system

**George Mastorakos** (Greece)

*The Round Table is organized by  
the Hellenic Association of Endocrinology*

### 11.00-12.30 **Symposium**

#### **Bipolar Affective Disorder: Discussion about difficult clinical questions**

Chairpersons: **Charalampos Touloumis** (Greece) and **Christos Tsopelas** (Greece)

Physical morbidity in Bipolar Affective Disorder

**Maria Dimitraka** (Greece)

Diagnosis of hypomania in outpatient clinics or private practice. Is it possible?

**Christos Tsopelas** (Greece)

Treatment resistant Bipolar Affective Disorder

**Petros Ntounas** (Greece)

### 12.30-13.00 **Coffee Break**

### 13.00-13.30 **Plenary Lecture**

Chairperson: **Gregoris Simos** (Greece)

**Platelet Serotonin Re-Uptake Velocity Predicts Anterior Cingulate Activity**

**Lukas Pezawas** (Austria)

Thursday, May 30<sup>th</sup> 2013

13.30-15.00 **Symposium**

**Addition: A core mechanism leading to different neuro-cognitive consequences**  
Chairpersons: **Nash Boutros** (USA) and **Salvatore Campanella** (Belgium)

Neurophysiological frontal brain dysfunction, reward-sensitivity and sense of inefficacy in gambling behaviour

**Michela Balconi** (Italy)

Evaluation of Frontal Lobe Dysfunction and its relationship with electrophysiology in Cocaine-Dependent Patients

**Nash Boutros** (USA)

Alcohol-related context affects heavy drinkers' performance in a Go-Nogo task: an ERP assessment

**Salvatore Campanella** (Belgium)

Left parietal cortex event related potential (ERP) deficits in drug-free recreational Ecstasy/MDMA users, during verbal recognition memory performance

**Andrew C. Parrott** (UK)

*The Round Table is organized by  
the WPA Psychophysiology Section*

15.00-16.30 **Coffee Break**

16.30-18.00 **Symposium**

**Disturbed connectivity in schizophrenia: Integration of EEG and fMRI**

Chairperson: **Christoph Mulert** (Germany)

Resting-state EEG coherence in patients with first-episode schizophrenia

**Christina Andreou** (Germany)

Reduced early auditory evoked gamma band response in patients with schizophrenia

**Gregor Leicht** (Germany)

Diffusion tensor imaging in schizophrenia: Relationship to psychopathology and genetics

**Christoph Mulert** (Germany)

The role of interhemispheric connectivity during dichotic listening in schizophrenia. An EEG and LORETA study.

**Saskia Steinmann** (Germany)



Thursday, May 30<sup>th</sup> 2013

18.00-19.30 **Symposium**

**Free Radicals and Lymphatics: Applications to Neuropsychiatry**

Chairpersons: **Sofia Tsaluchidu** (Italy) and **Ian Treasaden** (UK)

Free radicals and the role of lymphatics

**Basant K. Puri** (UK)

Fibromyalgia

**Ian H. Treasaden** (UK)

Iron deficiency, sleep disturbances, essential fatty acids and ADHD

**Shlomo Yehuda** (Israel)

The pathophysiology of neurolymphatic disease

**Raymond Perrin** (UK)

Neuropsychiatric treatment implications

**Sofia Tsaluchidu** (Italy)

19.00-19.30 **Coffee Break**

19.30-20.00 **Plenary Lecture**

Chairperson: **Basant K. Puri** (UK)

**Pharmacological treatment of sexual dysfunction in psychiatric patients**

**Dimitrios Chatzichristou** (Greece)

Thursday, May 30<sup>th</sup> 2013

20.00-21.30 **Symposium**

**Challenges Encountered With Current Diagnostic Criteria**

Chairpersons: **Mesut Cetin** (Turkey) and **Melina Siamouli** (Germany)

Challenges encountered in diagnosing mood disorders after trauma

**Oguz Karamustafalioglu** (Turkey)

Bipolar III: Is it a distinct diagnosis?

**Haluk Savas** (Turkey)

How to differentiate ADHD from bipolar disorder?

**Ilhan Yargic** (Turkey)

Do clinicians overlook denial of pregnancy in classification systems?

**Nazan Aydin** (Turkey)

Diagnostic and classification considerations concerning schizoaffective disorder

**Melina Siamouli** (Germany)

*The symposium is co-organized  
by the Turkish Association for Psychopharmacology and the ISNP*





Friday, May 31<sup>st</sup> 2013

08.30-10.00 **Symposium**

**Lyme disease and neuroborreliosis**

Chairpersons: **Jean A. Monro** (UK) and **Peter O. O. Julu** (UK & Sweden)

Spirochaetes and Lyme Disease

**Basant K. Puri** (UK)

Environmental Medicine Aspects

**Jean A. Monro** (UK)

Epidemiology and Symptomatology of Lyme Disease and Neuroborreliosis

**Basant K. Puri** (UK)

Functions of autonomic target-organs in neuroborreliosis

**Peter O. O. Julu** (UK & Sweden)

10.00-11.30 **Symposium**

**Brain pathologies and cognition in old age**

Chairpersons: **Constantin Bouras** (Switzerland)

and **Panteleimon Giannakopoulos** (Switzerland)

Brain pathologies and cognition in old age

**Constantin Bouras** (Switzerland)

Alzheimer disease at the crossroads: Identification of at risk individuals and therapeutic perspectives

**Panteleimon Giannakopoulos** (Switzerland)

Clinical expression of microvascular burden in the elderly

**Gabriel Gold** (Switzerland)

Non-AD dementias: Phenotypic expression and pathological substrates

**Eniko Kovari** (Switzerland)

11.30-12.00 **Plenary Lecture**

Chairperson: **Apostolos Iacovides** (Greece)

**Cognitive dysfunction associated with bipolar disorder: Theoretical issues and psychosocial implications**

**Lefteris Lykouras** (Greece)

Friday, May 31<sup>st</sup> 2013

**12.00-12.30 Plenary Lecture**

Chairperson: **Apostolos Iacovides** (Greece)

**Neuropsychiatry as an Interdisciplinary Medical Field**

**Constantinos R. Soldatos** (Greece)

**12.30-13.00 Coffee Break**

**13.00-14.00 Symposium**

**Recent developments in neuroscience**

Chairpersons: **Feyza Aricioglu** (Turkey) and **Dimos Dimellis** (Greece)

Role of glutamatergic system in psychiatry

**Feyza Aricioglu** (Turkey)

Neuroimaging in depression

**Ali Saffet Gonul** (Turkey)

Neuroimaging in OCD

**Yasin Bez** (Turkey)

Pharmacogenetics of drug metabolizing enzymes in psychopharmacology

**Umit Yasar** (Turkey)

Novel antidepressants: the pipeline running dry

**Dimos Dimellis** (Greece)

*The symposium is co-organized  
by the Turkish Association for Psychopharmacology and the ISNP*

**14.00-14.30 Plenary Lecture**

Chairpersons: **Ioannis Diakogiannis** (Greece) and **Vasilis Bozikas** (Greece)

**Are Bipolar Mixed States more than Depression and Mania?**

**Giulio Perugi** (Italy)

**14.30-15.00 Plenary Lecture**

Chairpersons: **Ioanna Ierodiakonou-Benou** (Greece)  
and **Athanasios Douzenis** (Greece)

**Mitochondrial function and autophagy - new avenues in the research of  
bipolar disorder and its treatment**

**Haim Einat** (Israel)

Friday, May 31<sup>st</sup> 2013

14.30-15.30 **Break**

15.30-16.00 **Plenary Lecture**

Chairpersons: **Michael Sotiriou** (Greece) and **Stamatia Mageiria** (Greece)

**Rhythm desynchronization and clock resetting**

**Yvan Tuitou** (France)

16.00-17.30 **Symposium**

**Research Advances in Affective Temperaments**

Chairpersons: **André F. Carvalho** (Brazil) and **Thomas Hyphantis** (Greece)

Towards an integrative model for the comprehension of psychopathology

**Hudson de Carvalho** (Brazil)

Affective temperaments: intermediate phenotypes for affective disorders?

**André F. Carvalho** (Brazil)

Affective Temperaments, Ego Defense Mechanisms and Somatization

**Thomas N. Hyphantis** (Greece)

The pathoplastic role of affective temperaments in the emergence of suicidal behaviour

**Xenia Gonda** (Hungary)

17.30-18.00 **Plenary Lecture**

Chairpersons: **Christina Toni** (Italy) and **Athanasios Vidalis** (Greece)

**Precision psychiatry: First steps towards individualized treatment of Bipolar disorder**

**Dina Popovic** (Spain)

18.00-18.30 **Plenary Lecture**

Chairperson: **Haim Einat** (Israel)

**Genetics of comorbidity in Bipolar disorder**

**Dimitrios Dikeos** (Greece)

18.30-19.00 **Break**

Friday, May 31<sup>st</sup> 2013

19.00-20.30 **Symposium**

**The project for the development of Greek Clinical guidance for mental illness**  
Chairpersons: **Venetsanos Mavreas** (Greece) and **Ioannis Nimatoudis** (Greece)

Introductory remarks  
**Venetsanos Mavreas** (Greece)

Schizophrenia  
**Ioannis Nimatoudis** (Greece)

Bipolar disorders  
**Konstantinos N Fountoulakis** (Greece)

Unipolar depression  
**Lefteris Lykouras** (Greece)

Anxiety disorders  
**Petros Skapinakis** (Greece)

Dementia  
**Antonis Politis** (Greece)

20.30-22.00 **Satellite Symposium**  
Chairperson: **Ioannis Nimatoudis** (Greece)

Neurobiological mechanisms mediating the treatment effect in bipolar disorder  
**Stephen Stahl** (USA)

Clinical research proof for acute and long term treatment in bipolar disorder  
**Konstantinos N. Fountoulakis** (Greece)

*The symposium is sponsored by AstraZeneca*



Saturday, June 1<sup>st</sup> 2013

**08.30-10.00 Round Table**

**Psychotherapy in Psychiatry - a German perspective**

Chairperson: **Georg Juckel** (Germany)

Operationalized psychodynamic diagnostics (OPD) in patients in prodromal states of schizophrenia-implications for psychotherapy

**Georg Juckel** (Germany)

Dialectic-Behavioral Therapy in outpatients with Borderline personality disorder

**Oliver Hole** (Germany), **Elina Sakellaridou** (Germany),

**Christos Chrysanthou** (Germany)

Bridging the gap between psychological first aid and traumatherapeutic interventions: The psychotherapeutic emergency management of large scale disasters

**Alexandra Dittmann-Balcar** (Germany), **Stefan Bender** (Germany)

**10.00-11.30 Symposium**

**Treatment of bipolar disorder accross the life span: From research into the clinical arena**

Chairperson: **Martha Sajatovic** (USA)

The clinical approach to patient with bipolar disorder diagnosis

**Giuseppe Tavormina** (Italy)

Bipolarity in adolescent: Difficulties for the diagnosis

**Nicolas Zdanowicz** (Belgium)

How to prove that a patient has bipolar disorder

**Mark Agius** (UK)

An update on treatments of later-life bipolar disorder

**Martha Sajatovic** (USA)

**11.30-12.00 Plenary Lecture**

Chairperson: **Giuseppe Tavormina** (Italy)

**Psychiatric genetics 2020: A roadmap approach**

**Thomas G. Schulze** (Germany)

Saturday, June 1<sup>st</sup> 2013

**12.00-12.30 Plenary Lecture**

Chairperson: **Anna Maria Möller-Leimkühler** (Germany)

**Efficacy assessment of anti-manic agents via use of direct and indirect evidence**

**Ayşegül Yildiz** (Turkey)

**12.30-13.00 Break**

**13.00-14.30 Satellite Symposium**

**Setting the Treatment Goals in Schizophrenia & Schizoaffective Disorder**

Chairperson: **Ilias Aggelopoulos** (Greece)

Paliperidone & Paliperidone Palmitate: an evaluation of the present whilst awaiting the future developments

**Charalampos Touloumis** (Greece)

A Debate on Treatment Therapy Approaches in Schizophrenia

**Dimos Dimellis** (Greece) - **Panagiotis Kakkavas** (Greece)

*The symposium is sponsored by Janssen*

**14.30-16.00 Symposium**

**The meta-analytic studies in Psychiatry: Have we learned anything?**

Chairpersons: **Hans-Jurgen Moeller** (Germany) and  
**Konstantinos N. Fountoulakis** (Greece)

40000 patient network meta-analysis of 15 antipsychotic drugs in schizophrenia

**Stefan Leucht** (Germany)

Recent meta-analyses in mood disorders: An ongoing debate

**Konstantinos N. Fountoulakis** (Greece)

The pharmacological management of obsessive compulsive disorder:

The evidence from published meta-analyses.

**Petros Skapinakis** (Greece)

Four decades of research on psychotherapy for depression: An overview of meta-analyses

**Pim Cuijpers** (Netherlands)

Saturday, June 1<sup>st</sup> 2013

16.00-16.30 **Plenary Lecture**

Chairperson: **Ioannis Nimatoudis** (Greece)

**DSM-5 and its potential consequences for treatment**

**Hans-Jurgen Moeller** (Germany)

16.30-17.00 **Satellite Lecture**

Chairperson: **Filippos Kouniakis** (Greece)

What we Expect from Antipsychotic treatment? The Role of Ziprasidone

**Georgios Papageorgiou** (Greece)

*The lecture is sponsored by Pfizer*

17.00-17.30 **Plenary Lecture**

Chairperson: **Lukas Pezawas** (Austria)

**Revisiting “The Self-Medication Hypothesis” in Light of Recent Neurobiology of Comorbid Addictive States in Schizophrenia**

**George Awad** (Canada)

17.30-18.00 **Plenary Lecture**

Chairperson: **Martha Sajatovic** (USA)

**Introduction into the schizophrenia guidelines of the World Federation of Societies of Biological Psychiatry**

**Peter Falkai** (Germany)

18.00-18.30 **Plenary Lecture**

Chairperson: **Hans-Jurgen Moeller** (Germany)

**Antidepressant response and subthreshold bipolarity in “unipolar” major depression - Implications for practice and drug research**

**Zoltán Rihmer** (Hungary)

18.30-19.00 **Plenary Lecture**

Chairperson: **Hans-Jurgen Moeller** (Germany)

The challenges facing the makers of classifications of mental disorders

**Norman Sartorius** (Switzerland)

19.00-19.30 **Break**

Saturday, June 1<sup>st</sup> 2013

19.30-21.00 **Satellite Symposium**

**Achieving treatment goals in depression**

Introduction

**Georgios Garyfallos** (Greece)

The importance of full remission in depression

**Vassilios Bozikas** (Greece)

Unmet needs: do we have answers?

**Dimos Dimellis** (Greece)

Switching to SNRIs from other antidepressants: why and how

**Petros Fotiadis** (Greece)

*The symposium is sponsored by Pharmaserve-Lilly*

21.00-21.30 **Awards ceremony** chaired by **Hagop S. Akiskal** (USA)

21.30 **Congress party**

*Open for all congress participants*



Sunday, June 2<sup>nd</sup> 2013

**08.30-09.00 Plenary Lecture**

Chairperson: **Philippos Kouniakis** (Greece)

**Association of GDNF gene variants with tobacco consumption in three ethnic groups from India**

**Arundhuti Das** (India)

**09.00-10.30 Symposium**

**Depression and anxiety: conceptualization and treatment**

Chairpersons: **Konstantinos N. Fountoulakis** (Greece)  
and **Stamatia Mageiria** (Greece)

Anxiety and depression: an overview

**Stefania Moisidou** (Greece)

Non-biological etiopathogenesis of depression and anxiety and their comorbidity

**Ioanna Koufaki** (Greece)

Non-biological treatments

**Stella Miziou** (Greece)

Neurobiological etiopathogenesis of anxiety, depression and their comorbidity  
- Biological treatment options

**Stamatia Mageiria** (Greece)

**10.30-12.00 Symposium**

**Bipolar Disorder: The cognitive perspective**

Chairpersons: **George Garyfallos** (Greece), **Vasilis P. Bozikas** (Greece)

The predictive significance of neuro-cognitive factors for functional outcome in bipolar disorder

**Vasilis P. Bozikas** (Greece)

Semantic priming in remitted patients with bipolar disorder

**Christina Andreou** (Germany)

Familial comorbidity of bipolar disorder and multiple sclerosis:  
Genetic susceptibility, coexistence or causal relationship?

**Mary H. Kosmidis** (Greece)

Controlled shifting of attention while inhibiting spontaneous responding in schizophrenia and bipolar disorder through a dichotic listening paradigm

**Stella Tsotsi** (Greece)

Sunday, June 2<sup>nd</sup> 2013

12.00-13.30 **Symposium**

**The Phenomenology of Voluntary Control**

Chairperson: **Philip V. Kargopoulos** (Greece)

Primary and secondary consciousness in voluntary control

**Koralia Paspala** (Greece)

The phenomenology of volition

**Manina Donikis** (Greece)

Structure and composition of the inventory for evaluating human behavior  
consciousness and volition

**Magda Nigritinou** (Greece)

Ways for assessing willingness and consciousness in human activities

**Elena-Ioanna Nazlidou** (Greece), **Magdalini Mpaxevani** (Greece),

**Kristallia Pantiou** (Greece)

13.30-15.00 **Symposium**

**MicroRNAs and schizophrenia**

Chairperson: **Emmanouil Rizos** (Greece)

MicroRNAs and Human Disease

**Nikolaos Siafakas** (Greece)

MicroRNAs in cellular physiology and psychiatric disorders

**Vassilis Zoumpourlis** (Greece)

MicroRNAs as biomarkers for schizophrenia cancer and other CNS disorders -  
The role of mir-183 as a possible molecular protective biomarker for cancer in  
schizophrenic subjects

**Emmanouil Rizos** (Greece)

15.00 **Closing Ceremony**



