

**INTERNATIONAL PhD PROGRAM IN NEUROPHARMACOLOGY
UNIVERSITY OF CATANIA**

SUMMER SCHOOL OF NEUROSCIENCE (8)

Ottava scuola estiva di Neuroscienze (8)

**UNDER THE AUSPICES
OF THE FEDERATION OF EUROPEAN PHARMACOLOGICAL SOCIETIES
(EPHAR)
THE BRITISH PHARMACOLOGICAL SOCIETY
(BPS)
THE ITALIAN SOCIETY OF PHARMACOLOGY
(SIF)
AND THE ITALIAN SOCIETY OF NEUROPSYCHOPHARMACOLOGY
(SINPF)**

July 10-16 , 2010

**SCHIZOPHRENIA AND OTHER PSYCHOSES:
WHAT CAN CLINICS LEARN FROM BASIC
SCIENCE?**

Catania

**Aula Magna
Palazzo Centrale dell'Università
Piazza Università, 2**

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Saturday July 10th, 2010

10.00-14.15 Registration

14.15-14.30 Opening remarks
Filippo Drago (Catania)

14.30-15.30 Opening lecture (introduced by Filippo Drago)
Depression in schizophrenia: new perspectives for the treatment
Stuart Montgomery (United Kingdom)

15.30-16.00 Welcome reception

Psychotic disorders: epidemiology and genetics

Introduced and moderated by Alessandro Rossi (Italy)

16.00-17.00 Psychotic disorders: epidemiology and risk factors
Mauro Carta (Italy)

17.00-18.00 The genetics of bipolar spectrum disorders
Alessandro Serretti (Italy)

18.00-18.30 Discussion

18.30-19.30 Genetics of schizophrenia: new insights from new approaches
Massimo Gennarelli (Italy)

19.30-19.40 Questionnaire

Sunday July 11th, 2010

Neurobiology of schizophrenia (1)

Introduced and moderated by Marco Riva (Italy)

- 10.00-11.00 Overview on animal models of schizophrenia**
Josè Borrell (Spain)
- 11.00-12.00 Neural basis of psychosis-related behaviour in the infection model of schizophrenia**
Joram Feldon (Switzerland)
- 12.00-13.00 Cholinergic system in schizophrenia**
Giancarlo Pepeu (Italy)
- 13.00-13.30 Discussion**

Schizophrenia: from diagnosis to long-term treatment

Introduced and moderated by Claudio Mencacci (Italy)

- 16.00-17.00 Factors affecting long-term outcome in schizophrenia**
Alessandro Rossi (Italy)
- 17.00-18.00 Treatments affecting long-term outcomes in schizophrenia**
Roberto Cavallaro (Italy)
- 18.00-18.30 Discussion**
- 18.30-19.30 Special Lecture:**
Neurodegeneration in Schizophrenia: implications for the treatment
Hilleke Hulshoff Pol (The Netherlands)
- 19.30-19.40 Questionnaire**

Monday July 12th, 2010

Neurobiology of schizophrenia (2)

Introduced and moderated by Giorgio Racagni (Italy)

10.00-11.00 **Glutamatergic system in the pathogenesis of schizophrenia**

Marco Riva (Italy)

11.00-12.00 **Metabotropic glutamate receptors as new therapeutic targets for the treatment of schizophrenia**

Ferdinando Nicoletti (Italy)

12.00-12.30 **Discussion**

12.30-13.30 **Sponsored lecture**

Cognitive function in schizophrenia: new insights

Introduced and moderated by Giovanni Biggio (Italy)

16.00-17.00 **Cognitive dysfunctions as endophenotypes of schizophrenia: neurobiological correlates**

Silvana Galderisi (Italy)

17.00-18.00 **Cognitive impairment and long-term outcome in schizophrenia**

Eugenio Aguglia (Italy)

18.00-18.30 **Discussion**

18.30-19.30 **Special Lecture:
Cognitive effects of antipsychotic drugs**

Michael Davidson (Israel)

19.30-19.40 **Questionnaire**

Tuesday July 13rd, 2010

Drug discovery in schizophrenia

Introduced and moderated by Pier Luigi Canonico (Italy)

10.00-11.00 Searching for new pharmacological targets in schizophrenia

Andrea De Bartolomeis (Italy)

11.00-12.00 New approaches for antipsychotic drug development

Luca Pani (Italy)

12.00-12.30 Discussion

12.30-13.30 Sponsored lecture

Pharmacological treatment of schizophrenia

Introduced and moderated by Mauro Mauri (Italy)

16.00-17.00 Second-generation versus first-generation antipsychotic drugs for schizophrenia: which evidence ?

Edoardo Spina (Italy)

17.00-18.00 Neuroimaging and response to treatment with antipsychotics in schizophrenia

Alessandro Bertolino (Italy)

18.00-18.30 Discussion

18.30-19.30 Special Lecture:
Subjective well-being and quality of life under antipsychotic treatment

Dieter Naber (Germany)

19.30-19.40 Questionnaire

Wednesday July 14th, 2010

Safety of antipsychotics: from pre-clinical evidence to regulatory restrictions

Introduced and moderated by Dieter Naber (Germany)

- 10.00-11.00 **Cardiovascular risks of antipsychotic treatment**
Milou-Daniel Drici (France)
- 11.00-12.00 **Antipsychotic drugs and the risk of cerebrovascular events: which evidence ?**
Emilio Sacchetti (Italy)
- 12.00-12.30 **Discussion**
- 12.30-13.30 **Sponsored lecture**

Bipolar disorder: from diagnosis to long-term treatment

Introduced and moderated by Edoardo Spina (Italy)

- 16.00-17.00 **Bipolar depression: diagnostic guidelines and treatment options**
Mauro Mauri (Italy)
- 17.00-18.00 **Mixed states: clinical subtyping and implications for the treatment**
Athanasios Koukopoulos (Italy)
- 18.00-18.30 **Discussion**
- 18.30-19.30 **Special lecture:**
Treating mania and managing long-term treatment of bipolar disorder
Siegfried Kasper (Austria)
- 19.30-19.40 **Questionnaire**

Thursday July 15th, 2010

Bipolar disorder: neurobiology and neuropharmacology

Introduced and moderated by Siegfried Kasper (Austria)

- 10.00-11.00 Neurobiological trait abnormalities in bipolar disorder**
Sophia Frangou (United Kingdom)
- 11.00-12.00 Molecular mechanisms underlying mood stabilizers efficacy: lessons from lithium**
Robert Belmaker (Israel)
- 12.00-12.30 Discussion**
- 12.30-13.30 Sponsored lecture**

Psychosis in neurological disorders: from diagnosis to treatment

Introduced and moderated by Giovanni Gambassi (Italy)

- 16.00-17.00 Psychotic disorders in epilepsy: etiology, clinical features, and therapeutic implications**
Riccardo Torta (Italy)
- 17.00-18.00 Psychosis in Parkinson's disease : from diagnosis to treatment**
Mario Zappia (Italy)
- 18.00-18.30 Discussion**
- 18.30-19.30 Treatment of behavioural and psychological symptoms of dementia: which strategies?**
Peter De Deyn (Belgium)
- 19.30-19.40 Questionnaire**

Friday July 16th, 2010

Use of antipsychotics in special populations

Introduced and moderated by Donatella Marazziti (Italy)

10.00-11.00 Use of antipsychotics in children and adolescents: assessing efficacy and safety
Alessandro Zuddas (Italy)

11.00-12.00 Efficacy and safety of antipsychotics in the elderly: which evidence ?
Giovanni Gambassi (Italy)

12.00-12.30 Discussion

12.30-13.30 Sponsored lecture

Psychotic disorders and comorbidity

Introduced and moderated by Joseph Zohar (Israel)

16.00-17.00 Pseudoneurotic psychosis: behind the mask
Giovanni Muscettola (Italy)

17.00-18.00 Comorbid substance use disorders in psychoses
Giuseppe Carrà (Italy)

18.00-18.30 Discussion

18.30-19.30 Special lecture
Schizo-obsessive disorder: clinical characteristics and treatment
Abraham Weizman (Israel)

19.30-19.45 Closing remarks
Filippo Drago (Italy)

19.45-19.55 Questionnaire