

Neurological and Psychiatric Disorders: from Neurobiology to Medicine

Focus on Schizophrenia

SIF monothematic workshop n°1

Rome, March 12th 2010

Department of Physiology and Pharmacology
Aula A

Sapienza University of Rome, P.le A. Moro 5

Scientific committee

Vincenzo Cuomo, MD

Luca Steardo, MD

Scientific secretariat

Patrizia Campolongo, PhD

Caterina Scuderi, PhD

Information for participants:

Deadline for free registration: February 28th 2010

On-site registration fee: € 100,00

Participants younger than 38 will be provided with free accommodation by
the Organizing Committee

Certificate of attendance will be available on request

tel +39 06 4991 2948; +39 06 4991 2450

e-mail: segreteria@steardo@uniroma1.it

http://w3.uniroma1.it/fisiofarm/eventi/workshop_12march.htm

ph: Luciano d'Alessandro



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Abstract submission

A poster session will be organized on the basis of the number of abstracts received by the scientific secretariat.

Please, send an e-mail to segreteriaasteardo@uniroma1.it and attach the abstract in a WORD format

Deadline February 15th.

Poster presenters will receive confirmation within February 20th.

Abstracts should be in English (Times New Roman 12, single line spacing, maximum allowed 250 words).

Posters should be 80 cm wide and 120 cm high.

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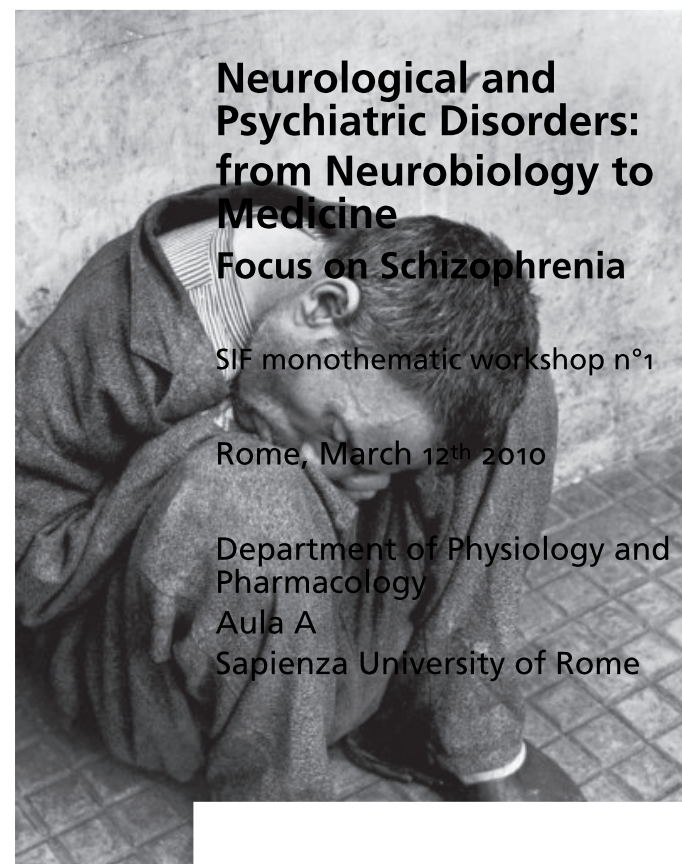
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9.30 Registration

10.00 Opening Ceremony

Luigi Frati
Rector Sapienza University of Rome - Italy
Luca Steardo
Sapienza University of Rome - Italy

10.30 Lectio magistralis

"Dopaminergic mechanisms in schizophrenia: latest neuroimaging findings and their implications for treatment"
Oliver Howes
Imperial College London – UK

11.30 The biological basis of response to antipsychotics: insight from imaging studies

Chairmen
Oliver Howes
Imperial College London – UK
Sergio Tanganelli
University of Ferrara – Italy

"Dopamine regulating genes and functional imaging phenotypes of relevance to schizophrenia"
Annabella Di Giorgio
University of Bari – Italy

"Molecular imaging of Homer1a induction by antipsychotics: the long road from genes to clinical practice"
Felice Iasevoli
University of Naples Federico II – Italy

"Functional and structural brain correlates of theory of mind and empathy deficits in schizophrenia"
Francesco Benedetti
University Vita-Salute San Raffaele, Milan – Italy

12.30 Lunch and poster session

13.30 Lectio magistralis

"Drug treatment of schizophrenia: current concepts and future perspectives"
Gerhard Gründer
RWTH Aachen University – Germany

14.30 Antipsychotic agents: current knowledge and novel perspectives

Chairmen
Gerhard Gründer
RWTH Aachen University – Germany
Luca Steardo
Sapienza University of Rome – Italy

"Imaging pharmacotherapy of schizophrenia and bipolar disorder"
Paolo Brambilla
University of Udine - Italy

"Modulation of neurotrophic factors and intracellular signaling pathways in response to antipsychotic treatment"
Fabio Fumagalli
University of Milan - Italy

"Steroids and schizophrenia: novel therapeutic strategies?"
Marco Bortolato
University of Cagliari - Italy
University of Southern California – USA

15.30 Coffee Break

16.00 Lectio magistralis

"Modelling schizophrenia: from neurobiology to genetically modified mice"
John L. Waddington
RCSI Research Institute, Dublin – Ireland

17.00 Rodent models of schizophrenia: physiopathologica implications

Chairmen
John L. Waddington
RCSI Research Institute, Dublin – Ireland
Giovanni Laviola
ISS, Rome - Italy

"Environmental calibration of behavioural phenotypes in rodent models of psychiatric disorders: methodological implications"
Simone Macrì and Giovanni Laviola
ISS, Rome - Italy

"Effect of cannabinoid self-administration in the phencyclidine (PCP) model of schizophrenia in rats"
Sabrina Spano
University of Cagliari - Italy

"Dopamine D1 and D2 receptors in the dorsal striatum control different aspects of attentional performance in the 5-CSRTT"
Laura Agnoli and Mirjana Carli
Mario Negri Institute for Pharmacological Research, Milan – Italy

18.00 Concluding remarks

Luca Steardo
Sapienza University of Rome – Italy
Vincenzo Cuomo
Sapienza University of Rome - Italy