



OCTOBER 14-18, 2019
Sardegna Ricerche, Pula, Sardinia, Italy

2nd International Scientific School on

NOVEL PSYCHOACTIVE SUBSTANCES:

focus on Novel Synthetic Opioids.



**SARDEGNA
RICERCHE**

Aim of the School

The advent of NPS has contributed to the appearance and growth of a new ‘drug scenario’ characterized by an increasing number of drug users among youth and the consumption of drugs with unknown effects or safety profiles. This International Scientific School constitutes a unique opportunity for undergraduate or post-graduate students, PhD students, and post-doctoral scientists at an early stage in their career to gain expertise in the field of Novel Psychoactive Substances (NPS). This project has been funded by Sardegna Ricerche and the University of Cagliari and is joined with the JUSTSO project, developed within the European Union’s Justice Programme (Drug Policy Initiatives). It aims to promote an integrated monitoring and profiling of NSO, to circulate information at different levels and update relevant professionals, in order to prevent addiction and its detrimental effects.

Chair

Maria Antonietta De Luca, PhD
University of Cagliari

Scientific Advisory Board

Gaetano Di Chiara, MD
University of Cagliari and Institute of Neuroscience National Research Council of Italy, Italy

Fabrizio Schifano, MD, FRCPsych
Drug Misuse and Novel Psychoactive Substances Research Unit, University of Hertfordshire, UK

Michael Baumann, PhD
Designer Drug Research Unit (DDRU) IRP - NIDA - NIH - DHHS, USA

Faculty

Emilio Ambrosio, PhD | National University for Distance Learning (UNED), Spain

Michael Baumann, PhD | Designer Drug Research Unit (DDRU) NIDA, NIH, USA

Francesco Busardò, MD | University "Politecnica delle Marche" of Ancona, Italy

Maria Paola Castelli, MD, PhD | University of Cagliari, Italy

Maria Antonietta De Luca, PhD | University of Cagliari, Italy
Gaetano Di Chiara, MD | University of Cagliari, Italy
Michael Evans-Brown | European Monitoring Centre for Drugs and Drug Addiction (EMCDDA), Portugal
Magí Farré, MD, PhD | Hospital Universitari Germans Trias i Pujol (HUGTiP, IGTP) - Universitat Autònoma de Barcelona, Spain
Liana Fattore, PhD | Neuroscience Institute (CNR), Italy
Valerjans Kauss, PhD | Latvian Institute of Organic Synthesis, Latvia
Matteo Marti, PhD | University of Ferrara, Italy
Giovanni Martinotti, MD | Università "G.d'Annunzio" di Chieti-Pescara, Italy
Sabrina Molinaro, PhD | Istituto di Fisiologia Clinica (CNR), Italy
Suzanne Nielsen, PhD | Monash University and Monash Addiction Research Centre, Australia
Georgios Papazisis, MD | Aristotelio Panepistimo Thessalonikis, Greece
Roumen Sedefov, MD | European Monitoring Centre for Drugs and Drug Addiction (EMCDDA), Portugal
Norbert Scherbaum, MD | LVR-Hospital Essen, University Duisburg-Essen, Germany
Graziella Tocco, PhD | University of Cagliari, Italy
Marta Torrens, MD | IMIM-Hospital del Mar, Spain

Tentative agenda

14th October 2019

Sardegna Ricerche | Auditorium

14.00 Registration and welcome coffee

15.15-17.30 Opening Ceremony

Welcome by Maria Antonietta De Luca and Gaetano Di Chiara

Plenary Session (30 min each)

Roumen Sedefov: "Where are we with Novel Psychoactive Substances?"

Sabrina Molinaro: "Understanding the dynamics and the consequences of young adults NPS use pathways"

Michael Baumann: "Current NPS situation in the United States - Prevalence data and basic pharmacology"

Suzanne Nielsen: "Pharmaceuticals as emerging NPS: The Australian Experience"

15th October 2019

Sardegna Ricerche | Auditorium

Lectures

Chair: Maria Antonietta De Luca

9.15-9.45 Michael Evans-Brown: "New psychoactive substances: A threat to health security"

9.45-10.15 Sabrina Molinaro: "TBD"

10.30-11.00 Coffee break

11.15-11.45 Graziella Tocco: "Inside the NPS chemical world"

11.45-12.15 Maria Paola Castelli: “Preclinical methods for the characterization of NPS”

13.00-14.30 Light lunch

Lectures

Chair: Gaetano Di Chiara

15.00-15.30 Matteo Marti: “Animal models for pharmaco-toxicological studies on NPS”

15.30-16.00 Liana Fattore: “The multiple effects of the ketamine analog methoxetamine: preclinical evidence”

16.00-16.30 Maria Antonietta De Luca: “Neuropharmacology of NPS: focus on synthetic cannabinoids”

16th October 2019

Sardegna Ricerche | Auditorium

Lectures

Chair: Michael Baumann

9.15-9.45 Michael Baumann: “Neuropharmacology of newly-emerging synthetic stimulants: cathinones, phenethylamines, and beyond”

9.45-10.15 Giovanni Martinotti: “NPS Related Exogenous Psychosis”

10.30-11.00 Coffee break

11.15-11.45 Suzanne Nielsen: “Monitoring for, and responding to the threat of novel opioids in the heroin supply: The Australian Experience”

11.45-12.15 TBD

13.00-14.30 Light lunch

Lectures | **Focus on NSO-JUSTSO sponsored symposium part 1**

Chair: Maria Antonietta De Luca

15.00-15.30 G Di Chiara “The JUSTSO Project”

15.30-16.00 Valerjans Kauss : “Chemical profiling of novel synthetic opioids”

16.00-16.30 Marta Torrens: “Pharmacological effects of Novel Synthetic Opioids”

16.30-17.00 Magí Farré: “Drug Interactions With New Synthetic Opioids”

JUSTSO Social Dinner

17th October 2019

JUSTSO | Annual Meeting (9-13)

Analysis, Knowledge dissemination

Justice Implementation and Special Testing of Novel Synthetic Opioids

Scientific School

Sardegna Ricerche | reception

11.00 -13.00 Visit to Sardegna Ricerche

13.00-14.30 Light lunch

Sardegna Ricerche | Auditorium

Lectures | **Focus on NSO-JUSTSO sponsored symposium part 2**

Chair: Gaetano Di Chiara

15.00-15.30 Norbert Scherbaum : “Pharmacotherapy of Opioid dependence”

15.30-16.00: Antonis Goulas: “Pharmacogenetics of opioids”

16.00-16.30: Georgios Papazisis: “Epidemiology of the use, misuse and overdose of opioids”

16.30-17.00: Francesco Busardò: “Forensic evaluation of Novel Synthetic Opioids”

18th October 2019

Public event: round table (Italian)

Sardegna Ricerche | Auditorium | 9.00-13.00

Gaetano Di Chiara, MD | University of Cagliari, Italy (Pharmacology)

Fabrizio Schifano, MD | University of Hertfordshire, Hatfield, UK (Psychiatry)

Raffaele Giorgetti, MD | University "Politecnica delle Marche", Italy (Forensic Medicine)

Giovanni Serpelloni, MD | University of Florida, USA (SERD, Healthcare Manager)

11.00-11.30 Coffee break

13.00 Conclusion

Contacts

Maria Antonietta De Luca | Chair

Michela Grimal | Project Manager

University of Cagliari, Italy

infonuovedroghe@gmail.com

For information visit

web NPS: sites.unica/issnps/

fb: [facebook.com/infonuovedroghe](https://www.facebook.com/infonuovedroghe)

web JUSTSO: justso-eu.eu