PRESIDENZA DEL CONSIGLIO DEI MINISTRI
Dipartimento Politiche Antidroga

SISTEMA NAZIONALE DI ALLERTA PRECOCE
NATIONAL EARLY WARNING SYSTEM - N.E.W.S.

International conference

NEW DRUGS 2014

Scientific and technical update on New Psychoactive Substances

May 14th-15th, 2014

Universita' Cattolica del Sacro Cuore
Centro Congressi Europa - Auditorium

Rome

Programme



in collaboration with

European Monitoring Centre for Drugs and Drug Addiction

UNODC
United Nations Office on Drugs and Crime

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Organization

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Presentation



Giovanni Serpelloni
Former Head of the Department for Antidrug Policies
Presidency of the Council Ministers, Italy

In recent years we have witnessed a new phenomenon that has revolutionized youth trends, and not just with respect to the use of drugs. To traditional substances (cannabis, cocaine, heroin, etc.) New Psychoactive Substances of synthetic origin have been added, that are still little known with regard to their characteristics and to the risks that they pose to human health. In addition to this, even the analytical methods needed to recognize them in laboratory and to prevent and combat trafficking and smuggling are unknown both on the Italian territory, but also at the European and international level.

The National Early Warning System, established in 2009 at the Department of Antidrug Policies of the Presidency of the Council of Ministers, in accordance with European regulations on the subject, monitors the occurrence of these substances on the Italian territory with the aim to early detect potentially dangerous phenomena for public health related to the appearance of new substances and new methods of consumption, and to enable early warnings that involve the departments responsible for the protection of health and responsible for the eventual implementation of measures in response to emergencies.

In view of the increasingly frequent reports of New Psychoactive Substances that reach the European and Italian Early Warning System, the Department of Antidrug Policies has also developed a new National Action Plan for the prevention, early detection and contrast of New Psychoactive Substances. This international conference, organized for

the first time in Italy, is designed to present and disseminate available information on the phenomenon of New Psychoactive Substances taking into account all the different aspects that characterize it at national and international level. The event aims to provide evidence of high scientific and technical level necessary to deal with the phenomenon at all levels and to expand the knowledge of those who daily have to deal with this issue.

For this reason, at the conference are invited to participate professionals working in the following fields: analytical, clinical, pharmacological, Law Enforcement and Judiciary.

The aim is to build an integrated and coordinated action across all administrations and organizations involved, and therefore to be able to deal with this emerging public health challenge.

Patronage


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Beatrice Lorenzin

Speakers
(in order of speech)



Giovanni Serpelloni
Former Head of the Department for Antidrug Policies Presidency of the Council Ministers



Gilberto Gerra
United Nations Office on Drugs and Crime



Jonathan Lucas
United Nations Interregional Crime and Justice Research Institute



Raymond Yans
International Narcotics Control Board



Paul Griffiths
European Monitoring Centre for Drugs and Drug Addiction



Roumen Sedefov
European Monitoring Centre for Drugs and Drug Addiction



Moira O'Brien
National Institute on Drug Abuse, Epidemiology Research Branch



Teodora Macchia
Istituto Superiore di Sanità



Bjoern Moosmann
Institute of Forensic Medicine University Medical Center Freiburg



Giampietro Frison
Lab. of Environmental Hygiene and Forensic Toxicology (LIATF), Department of Prevention ULSS 12 Veneziana, Mestre



Dariusz Zuba
Institute of Forensic Research Cracow



Ettore Zuccato
Istituto di Ricerche Farmacologiche "Mario Negri" Milano



Carlo Locatelli
Centro Antiveleni di Pavia Fondazione Salvatore Maugeri



Karen Miotto
School of Medicine at UCLA, Semel Institute of Neuroscience and Human Behavior - Los Angeles



Simon L Hill
National Poisons Information Service, Newcastle-upon-Tyne



Fabrizio Schifano
School of Pharmacy, University of Hertfordshire, UK.



Claudia Rimondo
National Early Warning System, Department for Antidrug Policies



Klaidas Kuchalskis
Europol



Vito Antonio Diomeda
Carabinieri per la Tutela della Salute (NAS)



Enrico Cataldi
Raggruppamento Carabinieri Investigazioni Scientifiche (RaCIS)



Germana Apuzzo
Ministero della Salute



Donald Hannah
Psychoactive Substances Regulatory Authority - New Zealand



Ruri Kikura-Hanajiri
National Institute of Health Sciences - Japan



Michal Kidawa
Reitox Focal Point Poland



Marilyn Huestis
National Institute on Drug Abuse



Matteo Marti
University of Ferrara



Michael Baumann
Intramural Research Program, National Institute on Drug Abuse



Sabina Strano Rossi
University "Sacro Cuore" - Rome



Michele Brunetto
National Early Warning System, Department for Antidrug Policies



Giuseppe Valvo
National Early Warning System, Department for Antidrug Policies



Francesco Saggio
Nucleo Antisofisticazione Arma dei Carabinieri



Joe Van Buskirk
National Drug and Alcohol Research Centre - University of New South Wales - Sydney



Simon Lenton
National Drug Research Institute



Franco Tagliaro
University of Verona



Pirkko Kriikku
Hjelt Institute, Department of Forensic Medicine, University of Helsinki



Maria Augusta Raggi
University of Bologna

Chairmen

Elisabetta Simeoni - *Department for Antidrug Policies, Presidency of the Council Ministers*

Elisabetta Bertol - *University of Florence - Department of Health Sciences*

Maurizio Gomma - *Addiction Department ULSS 20 - Verona*

Giovanni Addolorato - *Catholic University "Sacro Cuore", Rome - Department of Medical Sciences*

Pietro Soggiu - *Former Special Commissioner for the coordination of Antidrug Policies*

Franco Tagliaro - *University of Verona - Department of Public Health and Community Medicine*

Silvio Garattini - *"Mario Negri" Institute for Pharmacological Research - IRCCS*

Daniela Parolaro - *University of Insubria - Department of Theoretical and Applied Science*

Claudia Rimondo - *National Early Warning System - Department for Antidrug Policies*

Catia Seri - *National Early Warning System - Department for Antidrug Policies*

Giordano Biserni - *Association of Supporters and Friends of Traffic Police Corps - ASAPS*

Programme

May 14th, 2014

8.30 - 9.30 a.m.	Registration
9.30 - 10.00 a.m.	Opening remarks *Ministro Beatrice Lorenzin*

Plenary Session

Chairmen: *Giovanni Serpelloni and Elisabetta Simeoni*

10.00 - 11.00 a.m.	The Department of Antidrug Policies and the Action Plan on New Psychoactive Substances *Giovanni Serpelloni*
11.00 - 11.30 a.m.	New psychoactive substances: severe challenges to public health systems *Gilberto Gerra*
11.30 - 12.00 a.m.	New forms of emerging crime regarding NPS and international responses *Jonathan Lucas*
12.00 - 12.30 p.m.	Shared international responsibility in reducing NPS global trafficking *Raymond Yans*
12.30 - 1.00 p.m.	The role of EMCDDA in drug monitoring and the European EWS *Paul Griffith e Roumen Sedefov*
1. 00 - 1.30 p.m.	Community Epidemiology Work Group (CEWG) and Network-Based Models for Monitoring Drug Abuse Trends: NPS in USA *Moira O'Brien*
1.30 - 2.30 pm	Lunch

Session I: Bio-toxicological aspects: NPS and analytical techniques

Chairman: *Elisabetta Bertol*

2.30 - 2.50 p.m.	Analytical problems and solutions: the Italian example *Teodora Macchia*
2.50 - 3.10 p.m.	Synthetic cannabinoids receptors agonists: methods of detection and current knowledge on toxicity *Bjoern Moosmann*

3.10 - 3.30 p.m.	Capabilities of high resolution/high accuracy mass spectrometry in structural characterization of new psychoactive substances with amphetamine-like properties *Giampietro Frison*
3.30 - 3.50 p.m.	Structural elucidation of new hallucinogenic phenethylamines and tryptamines identified on the drug market *Dariusz Zuba*
3.50 - 4.10 p.m.	The analytical identification of New Psychoactive Substance: new methods and tecnologies *Ettore Zuccato*

Session II: Clinical and toxicological aspects

Chairmen: *Maurizio Gomma and Giovanni Addolorato*

4.20 - 4.40 p.m.	Clinical problems and solutions: the Italian example *Carlo Locatelli*
4.40 - 5.00 p.m.	Clinical and pharmacological aspects of bath salt use *Karen Miotto*
5.00 - 5.20 p.m.	The clinical toxicity of PMA/PMMA and NBOMe compounds *Simon L. Hill*
5.20 - 5.40 p.m.	New Psychoactive Substances and the implications for psychiatry *Fabrizio Schifano*
5.40 p.m.	End of the first day

May 15th, 2014

8.30 - 9.30 a.m. Registration of participants

Plenary Session: The organization of the EWS and new ways of prevention against the NPS online offer

Chairman: *Pietro Soggiu*

9.30 - 9.50 a.m.	Introduction *Giovanni Serpelloni*
9.50 - 10.10 a.m.	The EWS organizational model *Claudia Rimondo*

10.10 - 10.30 a.m.	Europol role in counteracting international drug trafficking *Klaidas Kuchalskis*
10.30 - 10.50 a.m.	Operation "Scent of a drug" and other measures for the control of smart shops in Italy *Vito Antonio Diomeda*
10.50 - 11.10 a.m.	Identification and reporting of drugs seized on the territory in RIS/LASS laboratories *Enrico Cataldi*

Paralell Session 1-A: Regulatory aspects

Chairman: *Franco Tagliaro*

11.20 - 11.40 a.m.	Update of the substances under control in Italy *Germana Apuzzo*
11.40 - 12.00 a.m.	The new psychoactive substances regime in New Zealand: a different approach to regulation *Donald Hannah (live streaming)*
12.00 - 12.20 p.m.	Changes in the prevalence of new psychoactive substances before and after the introduction of the generic scheduling of synthetic cannabinoids in Japan *Ruri Kikura-Hanajiri*
12.20 - 12.40 p.m.	The Polish Legislation on Smart Shops *Michal Kidawa*
12.40 - 1.00 p.m.	New drugs and risk assessment: the Italian proposal *Giovanni Serpelloni*

Paralell Session 1-B: Pharmacological aspects

Chairman: *Silvio Garattini and Daniela Parolaro*

11.20 - 11.40 a.m.	In vitro metabolism studies of synthetic cannabinoids *Marilyn Huestis*
11.40 - 12.00 a.m.	Pharmacological, toxicological and pathophysicological effects of new synthetic psychoactive molecules *Matteo Marti*
12.00 - 12.20 p.m.	Pharmacology of "Bath Salts" and Related Designer Drugs *Michael Baumann*
12.20 - 12.40 p.m.	In silico and in vitro metabolism prediction: a pilot study *Sabina Strano Rossi*
1.00 - 2.00 p.m.	Lunch

Paralell Session 2-A: Reduction of NPS internet demand and supply

Chairmen: *Claudia Rimondo and Catia Seri*

2.00 - 2.20 p.m. NPS web monitoring and online marketing: results of N.E.W.S. activity
Michele Brunetto and Giuseppe Valvo

2.20 - 2.40 p.m. From N.EW.S. to Law Enforcement: the darkening of websites
Francesco Saggio

2.40 - 3.00 p.m. Deep web: the virtual drug marketplace
Joe Van Buskirk

3.00 - 3.20 p.m. Accessing NPS and other drugs online: motivations, experiences, drug market implications and policy challenges
Simon Lenton

Paralell Session 2-B: NPS related road accidents: the new frontiers of the survey

Chairman: *Giordano Biserni*

2.00 - 2.20 p.m. A strategy to pass toxicological tests on the road and for the adquisition of driving licence
Franco Tagliaro

2.20 - 2.40 p.m. Prevalence and blood concentrations of desoxypipradrol (2-DPMP) in drivers suspected of driving under the influence of drugs and in post-mortem cases
Pirkko Kriikku

2.40 - 3.00 p.m. Analytical critical aspects for the rapid identification of NPS on the road
Maria Augusta Raggi

Plenary Session: discussion and conclusion

3.20 - 4.00 p.m. *Giovanni Serpelloni*

How to reach us



Università Cattolica del Sacro Cuore
Largo Francesco Vito, 1 - 00168 Roma

Centro Congressi Europa
Auditorium and Sala Italia

The entrance of the congress venue is located in Largo Francesco Vito nr. 1, about 100 meters after passing the main entrance of the University Policlinic "A. Gemelli" - Largo Gemelli, 8.

By underground and bus
Underground line A (direction "Battistini") and get off:
• at "Battistini" station (last station), then take bus nr. 146 (direction "Pineta Sacchetti – Policlinico Gemelli");
• at "Cornelia" station, then take bus nr. 994 (direction "Pineta Sacchetti, Ospedale San Filippo Neri") or bus nr. 446 (direction "Pineta Sacchetti - Cortina D'Ampezzo - Ponte Milvio - Piazza Mancini").

By car
Get to the Grande Raccordo Anulare (GRA) and:
• take Exit nr. 3 Via Cassia direction Rome. Then go on Via Trionfale and Via Pineta Sacchetti (for participants entering Rome from North);
• take Exit nr. 1 Via Aurelia direction Rome. Then go on Piazza Irnerio and Via Pineta Sacchetti (for participants entering Rome from South).

By train
From Rome Termini station: take Underground line A (direction "Battistini") and get off at "Valle Aurelia" station. Then take urban train line FL3 "Rome-Viterbo" (direction Viterbo P.F.) and get off at "Gemelli" Station.

By plane
From Rome Fiumicino "Leonardo da Vinci" International Airport:
• no-stop Train "Fiumicino Airport-Termini Central Station" (FL1) (frequency every 30 minutes) then take Underground line A, then see "By Underground and Bus" instructions;
• regional train "Fiumicino Aeroporto-Fara Sabina/Orte" then get off at "Trastevere" Railway Station (frequency every 20 minutes) then take the urban train FL3 (direction "Viterbo P.F.") and get off at "Gemelli" station (frequency: every 15 minutes).

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Steering committee

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Certificate of partecipation

At the end of the congress, a participation certificate will be granted.

Registration

In order to take part to the congress, it is necessary to fill in a registration form you can download from the website www.allertadroga.it

For any information, please visit the website www.allertadroga.it or contact the following telephone numbers: +39 045 8076286 - 6258.

Registration is free, but mandatory.

ECM credits

3 CME credits will be assigned to all the Medical professions.
The acquisition of CMEs is strictly subject to a documented participation of at least 80% of the conference duration.
For all participants, a Certificate of Attendance will be available at the end of the Congress while CME certificate will be sent to participants later by the organizing secretary office.



Registration to the Community

Italian Scientific Community on Addiction (ISCA) – Professional network for sharing good practices and tool for the promotion of scientific collaborations

To join in, it is necessary to link on www.dpascientificcommunity.it, www.politicheantidroga.it, www.droganews.it e www.dronet.org and fill in the online form. Please, upload your curriculum vitae together with the form. In case an institution or an organization wants to join in, it is necessary to send a brief description of the activities carried out, an updated organization chart, the name of the contact persons. The registration in ISCA entails sharing its principles and objectives and accepting its functions and rules.

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