

ISTITUTO SUPERIORE DI SANITÀ

SECOND CONFERENCE ON THE NEUROSCIENCE OF DRUG ADDICTION

September 27, 2002

Istituto Superiore di Sanità
Viale Regina Elena 299 - Roma

SECOND CONFERENCE ON THE NEUROSCIENCE OF DRUG ADDICTION

Istituto Superiore di Sanità

Aula Pocchiari

September 27, 2002

9.20 Welcome to participants
E. Garaci
President, Istituto Superiore di Sanità

Morning session

Chairs: **M. Massotti, L. Pulvirenti**

9.30 *Glutamate plasticity and drugs of abuse*
M. Wolf

10.00 *Extinction training regulates neuroadaptive responses to chronic cocaine self-administration*
D.W. Self

10.30 *Vulnerability to substance abuse, a biobehavioral disorder*
L. LeMoal

11.00 *Associative influences on drug addiction: neurobiological basis and therapeutic implications*
B. Everitt

11.30 *Can we forget to be addicted?*
P.W. Kalivas

12.00 *Breaking the ice: getting to know methamphetamine dependence*
L. Pulvirenti

12.30 General Discussion

13.00 Break

Afternoon Session:

Chairs: **G.L. Gessa, M.J. Kreek**

14.00 *Drug addiction as associative learning disorder: differential roles of nucleus accumbens shell and core dopamine*
G. Di Chiara

14.30 *Understanding relapses: a key factor in the process of addiction*
A. Phillips

15.00 *The dark side of drug addiction: an allostatic perspective*
G.F. Koob

15.30 *Treatment of alcohol dependence: focus on acamprosate*
B.J. Mason

16.00 *Altered stress responsivity in the addiction: drug induced and genetic impact*
M.J. Kreek

16.30 *An update on a search for genes contributing to the alcoholism risk*
M. Schuckit

17.00 General Discussion

17.30 Concluding remarks: **G.L. Gessa**

CHAIRPERSONS AND INVITED SPEAKERS

E. Garaci - President, Istituto Superiore di Sanità, Roma, Italy

G. Di Chiara - Department of Toxicology, Università di Cagliari, Cagliari, Italy

B. Everitt - Department of Experimental Psychology, University of Cambridge, Cambridge, UK

G.L. Gessa - Department of Neuroscience "B.B.Brodie", Università di Cagliari, Cagliari, Italy

P.W. Kalivas - Department of Physiology and Neuroscience, Medical University of South Carolina, Charleston, S.C., USA

G.F. Koob - Department of Neuropharmacology, The Scripps Research Institute, La Jolla, CA, USA

M.J. Kreek - The Laboratory of Biology of Addictive Diseases, The Rockefeller University, New York, N.Y., USA

L. LeMoal - Institut François Magendie, INSERM; Bordeaux, France

B.J. Mason - Department of Psychiatry and Behavioral Sciences, University of Miami, Miami, FL, USA

M. Massotti - Laboratory of Pharmacology, Istituto Superiore di Sanità, Roma, Italy

A. Phillips - Department of Psychiatry, University of British Columbia, Vancouver, B.C., Canada

L. Pulvirenti - Department of Neuropharmacology, The Scripps Research Institute, La Jolla, CA, USA

M. Schuckit - Department of Psychiatry, University of California San Diego, San Diego, CA, USA

D.W. Self - Department of Psychiatry, University of Texas, Dallas, TX, USA

M. Wolf - Department of Neuroscience, The Chicago Medical School, Chicago, ILL, USA

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GENERAL INFORMATION**Venue**

Auditorium Pochiari, Istituto Superiore di Sanità

Viale Regina Elena 299 - 00161 Roma, Italy

Registration

There will be no registration fee. Attendance confirmation by fax or e-mail to the Conference Secretariat are welcome

Attendance certificate

At the end of the Conference, attendance certificate will be supplied upon request

Language

The official language is English