Programme

Workshop

Risk factors for mental health: translational models from behavioural neuroscience

July 3-4, 2006

Istituto Superiore di Sanità, Rome

Aula Bovet

Monday 3rd July

8.30 Introduction
Giuliano D'Agnolo, Enrico Alleva

SESSION I “Gene-environment interactions during brain development: a comparative approach”

9.00 Effects of early infantile experience on behavioural regulations in rodents
Seymour Levine

9.40 How gene-environment interactions shape the development of emotional regulation in rhesus monkeys
Stephen J Suomi

10.20 A role for neurotrophins in brain plasticity and neurodegeneration
Luigi Aloe

10.40 Role of BDNF as transducer of early experiences on brain function and behaviour
Francesca Cirulli

11.00 Coffee Break

SESSION II “Social development as an endpoint in animal models of neurodevelopmental disorders”

14.00 Mouse models of autism and the issue of behavioural phenotyping of autism features
Jacqueline Crawley

14.40 Measuring mouse behavioural development and the issue of time validity in animal models of neurodevelopmental disorders
Laura Ricceri

15.00 Coffee Break

Tuesday 4th July

14.00 Future perspectives for ISS-NIH collaborative projects

Workgroup (restricted to ISS-NIH project leaders)

15.20 Mouse ultrasonic vocalizations emitted during dyadic interactions: a tool for assessing social motivation?
Anna Moles, Francesca R. D’Amato

SESSION I “Behavioural disorders and drug misuse: is there a role for brain-directed autoimmunity?”

9.00 Serotonin transporter promoter polymorphism genotype is associated with temperament, personality traits and illegal drugs use among adolescents
Gilberto Gerra

9.40 Neuropsychiatric alterations in substance abusers: cerebrovascular deficits, EEG alterations and behavioural abnormalities
Ronald I. Herning

10.20 Coffee Break

10.50 Autoantibodies to opioid and glutamate receptors in the etiology of addiction-related disorders
Oleg Granstrem, Svetlana Danbinova

11.30 Elevated levels of auto-antibodies to neuro-receptor fragments are associated with increased behavioural vulnerability to morphine in animal models
Giovanni Laviola

11.50 Workshop concluding remarks
Enrico Alleva

12.30 Lunch

Participants

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Workshop

RISK FACTORS FOR MENTAL HEALTH:
TRANSLATIONAL MODELS FROM
BEHAVIOURAL NEUROSCIENCE

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