

# EBBS Satellite at FENS Barcelona: **Stress, the story of our social lives**

Date: 13 July 2012

- Internationally recognized experts addressing interactions of adversity, social relations and mental health, from molecules to society.
- Poster session and selection of three abstract submissions for oral presentation.

Venue:

[Caixa Forum Barcelona](#)

Av. de Francesc Ferrer i Guàrdia, 6-8  
Barcelona, Spain

Confirmed speakers:

Regina M. Sullivan, USA

Paul Lucassen, NL

Katharina Braun, DE

Jodi Pawluski, BE, NL

Micah Leshem, IL

Richard Tremblay, CA, IE

Thalia Eley, UK

Thomas Frodl, IE

Guillaume Poirier, CH

Nuno Sousa, PL

Tamara Franklin, IT

Thomas Elbert, DE



In order to stimulate cutting-edge research in the field and incite innovative partnerships to help unravel the mechanisms leading to harmonious social relations, this meeting will focus on stress and social interactions. Engaging speakers with internationally recognized expertise in the fields of developmental, neural, emotional, as well as cognitive function have accepted our invitation and will present social interactions as both cause and consequence of adversity. Specifically, topics will target the effects of adversity on socio-affective behaviours from different angles, including developmental time courses, decision-making, brain structure, neurogenesis, and plasticity, gene-environment interaction in vulnerability and resilience, as well as transgenerational transmission, and finally the sociocultural meaning of violence.

A variety of perspectives will be represented at the meeting, including both clinical and animal model, in order to promote stimulating discussions and foster collaboration on the mechanisms underlying the effects on psychological mechanisms and social behaviour of stress and adversity in the life of an individual, and of their lineage (prenatal, postnatal and transgenerational effects). Innovative research by attendees will also be given an outlet by selecting a limited number of outstanding submissions for brief oral presentations.

Amongst many important and more traditional and oft addressed themes, new lines of research on genetics, brain development and neurobiology, and the complex interplay between these domains, as well as better understanding of the development of social behaviour pathologies and of the mechanisms that underlie effective and ineffective interventions may prove critical to our curbing of mental illness. From molecules to society, such is our aim, and we hope that you will join us!

## Organizers

Guillaume Poirier (EPFL, Switzerland ; [guillaume.poirier@epfl.ch](mailto:guillaume.poirier@epfl.ch))

Richard Tremblay (University College Dublin, Ireland ; Université de Montréal, Canada)

Website: <http://sssl2012.epfl.ch> (soon online)

## Program

Time		Speaker	Title
09:00	09:05	Organisers	Welcome and introduction
09:05	09:35	<b><u>Regina M. Sullivan</u></b> <i>New York University</i>	"Infant attachment learning and stress"
09:35	10:05	<b><u>Paul Lucassen</u></b> <i>University of Amsterdam</i>	"(Early) life stress in relation to neurogenesis and depression"
10:05	10:35	<b><u>A. Katharina Braun</u></b> <i>Otto-von-Guericke-Universität Magdeburg</i>	"Impact of perinatal experience on developing prefronto-limbic circuits."
10:35	11:05	<i>BREAK</i>	
11:05	11:35	<b><u>Jodi Pawluski</u></b> <i>University de Liège/University of Maastricht</i>	"Effects of maternal adversity and perinatal SSRI exposure on neurobehavioural outcomes in offspring"
11:35	12:05	<b><u>Micah Leshem</u></b> <i>University of Haifa</i>	"Do offspring carry the marks of stress prior to their conception"
12:05	12:15	TBA 1	TBA: Oral presentation of poster submission (1)
12:15	12:25	TBA 2	TBA: Oral presentation of poster submission (2)
12:25	12:35	TBA 3	TBA: Oral presentation of poster submission (3)
12:35	13:45	<i>LUNCH</i>	
13:45	14:30	<i>POSTER SESSION</i>	
14:30	15:00	<b><u>Richard Tremblay</u></b> <i>Université de Montréal/University College, Dublin</i>	"Perinatal stress and the development origin of chronic physical aggression"
15:00	15:30	<b><u>Thalia Eley</u></b> <i>King's College, London</i>	"Gene-environment interaction in the development and treatment of child anxiety"
15:30	16:00	<b><u>Thomas Frodl</u></b> <i>Trinity College, Dublin</i>	"Gene-environment interactions affect structure and function of the brain in depression"
16:00	16:30	<b><u>Guillaume Poirier</u></b> <i>École Polytechnique Fédérale de Lausanne</i>	Peripubertal stress, neural alterations, socio-emotionality and intergenerational transmission
16:30	17:00	<i>BREAK</i>	
17:00	17:30	<b><u>Nuno Sousa</u></b> <i>Universidade do Minho</i>	"Stress and decision-making"
17:30	18:00	<b><u>Tamara Franklin</u></b> <i>European Molecular Biology Laboratory</i>	"Male-male competition and its impact on anxiety-related brain function and behaviour"
18:00	18:30	<b><u>Thomas Elbert</u></b> <i>Universität Konstanz</i>	"Wars in mind and brain: fascinated or traumatized by organized violence?"
18:30	18:35	Organisers	Final words