

# THE EARLY ORIGIN OF ADULT MENTAL HEALTH INTERNATIONAL SYMPOSIUM

*"Brain development and early stressful conditions in mental health:  
the mediating role of epigenetic mechanisms and the neuroimaging correlates"*  
(ES-EUEpiBrain; SAF2015-71526-REDT)

2<sup>nd</sup> JUNE 2016

Aula Magna Faculty of Biology University of Barcelona

## 10:30h Opening presentation: Early origin of adult mental health

Dr. Lourdes Fañanás. Faculty of Biology. University of Barcelona. IBUB. CIBERSAMG8. PI-Coor:PINT1512 and ES\_EUEpiBrain-REDT

### SESSION 1

Chair: Dr. Eduard Gratacós. Director of the Center BCNatal en Medicina Maternofetal. Hospital Clínic de Barcelona CIBERER U719. ES-EUEpiBrain

Co-Chair: Dr. Vicente Molina. Psychiatrist. Associate Professor Universidad de Valladolid. (CIBERSAM G19)

## 11:00h Prenatal development of the central nervous system and windows of vulnerability to stress

Dr. Salvador Martínez. Professor at the Department of Human Anatomy and Psychobiology. University of Murcia. Director of the Institute of Neurosciences, UMH-CSIC. CIBERSAM G24. ES\_EUEpiBrain-REDT

## 12:00h The placenta: a fetal natural biological barrier to maternal stress.

Dr. Fatima Crispi. Obstetrician. Fetal Medicine Barcelona Research Center. Hospital Clínic Universitat de Barcelona CIBERER U719. PINT1512

## 13:00h Break lunch

### SESSION 2

Chair: Dr. Igor Nenadić. Psychiatrist. Associate professor. Department of Psychiatry and Psychotherapy of the University of Jena (Germany)

Co-Chair: Dr. Nuria Bargalló. Radiologist. Department of Neuroradiology, Hospital Clínic i Provincial de Barcelona (CIBERSAM G04)

## 14:00h Pregnancy and depression: neurological development in their children and its epigenetic correlate.

Dr. Michael Deuschle. Psychiatrist. Department of Psychiatry and Psychotherapy of the Central Institute of Mental Health in Mannheim, Germany. PINT1512 and ES\_EUEpiBrain-REDT

## 15:00h Brain neuroimaging and behavioral phenotypes in newborns from mothers with high-risk pregnancy.

Dr. Elisenda Eixarch. Obstetrician. Fetal Medicine Barcelona Research Center Hospital Clínic Universitat de Barcelona CIBERERU719 ES\_EUEpiBrain-REDT

## 16:00h Break coffee

### SESSION 3

Chair: Dr. Nikos C. Stefanis. Professor of Psychiatry. National and Kapodistrian University of Athens Medical School

Co-Chair: Dr. Lourdes Fañanás. Associate Professor. University of Barcelona. (CIBERSAM G08) PINT1512 and ES\_EUEpiBrain-REDT.

## 16:30h The interplay between family relationships, brain development and behavior.

Dr. Paolo Brambilla. Psychiatrist. Associate Professor at the Department of Pathophysiology, University of Milano ES\_EUEpiBrain-REDT

## 17:30h Epigenetic trajectories through brain development: relevance to mental health and disease

Dr. Jonathan Mill. Professor of Epigenetics. University Exeter Medical School. Institute of Psychiatry, King's College.

## 18:30h Final discussion and closing.

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