

THE EARLY ORIGIN OF ADULT MENTAL HEALTH INTERNATIONAL SYMPOSIUM

2nd JUNE 2016

Aula Magna Faculty of Biology University of Barcelona

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

XIII CURSO INTENSIVO DE INTRODUCCIÓN A LA INVESTIGACIÓN EN NEUROCIENCIAS

(CIBERSAM: INTRAMURAL_PINT1512 MATERNAL LIFE EPI-PROJECT)

FREE REGISTRATION: mariajose.martin@ub.edu

10:00h Welcome and delivery of documentation.

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 IBERER 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 Clinic Universitat de Barcelona CIBERER U719. PINT1512

13:00h Break lunch

SESSION 2

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

Co-Chair: **Dr. Nuria Barqualló.** 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 Clinic 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 Early stress, epigenetics signatures and mental disorders

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

18:30h Final discussion and closing words.

19h Delivery of assistance certificates