



CURRICULUM VITAE

Name Elisa Llurba Olivé

Date of birth 24th July 1973

Nationality Spanish

Present Position **Consultant in Maternal-Fetal Medicine of Vall d'Hebron University Hospital of Barcelona**
2004-to date
Coordinator of Placental Insuficiency Research Unit

Undergraduate University of Barcelona Degree: Medical Doctor 1997

Postgraduate **Autonomous University of Barcelona** 2006
PhD in Obstetrics and Gynecology:
"Oxidative stress and lipid profile in preeclampsia"

Programme Grants Awarded **Nacional grants "Fondo de investigaciones sanitarias"(FIS)**

coordinator of the Placental insufficiency Research Unit actually involved in research activity. She is specialist Maternal-Fetal Medicine and Doctor of Medicine (European mention, excellent cum laude). Sub especialization in Maternal-Fetal Medicine, with 4 rotations in prestigious foreign institutions, most recently in University of Maryland (USA) BAE-11/00071.

Currently, she is coordinator and responsible group of clinical and basic research focused on the study of diseases induced by placental insufficiency and the development of the fetal heart in two clinical entities, congenital heart disease (CHD) and intrauterine growth restriction / preeclampsia (CIR / PE). This line has been funded by public funds through 3 projects FIS (PI06 / 1312, PI07 /

1095, PI13 / 01449.), a non-commercial clinical trial (HOPPE-trial: Protocol No.: 1557-H-125; EUDRACT No.: 2010 -023,597-39) and a grant IMPACT (2011-2013) of the Department of Education and Science in conjunction with the company GENECADI BIOTEC. The line has also been financed by private funds: PROGNOSIS ROCHE study. In total it has received more than 450,000 euros for funding in the last 7 years.

She is a lead researcher on the Executive Committee of the NETWORK OD MATERNAL AND CHILD DEVELOPMENT (SAMID) (Institute of SaludCarlos III, COOPERATIVE NETWORKS RESEARCH TOPICS (RETICS) RD08 / 0072 and recently renovated (RD12 / 0026). SAMID NETWORK is an established multidisciplinary research group whose main objective is to study the pre and postnatal variables that determine the scheduling cardiovascular and neurological development in fetuses and children with prenatal noxa (growth restriction, congenital malformations, prematurity). Elisa Llurba acts as coordinator two main studies within this research framework, a clinical trial in which three centers of these network (HOPPE trial) and CARDIO_NEURO study in which four participating centers of SAMID RED are also involved.

Main contributions: as a result of research conducted over the past 7 years are 24 publications in international journals with full IP 94, 16 of them published in the last year while over 66% of articles in magazines first quartile:

- Study of prenatal diagnostic markers in CC:

- 1..1.1. Together with the University Kings College London we have described for the first time in humans, the involvement of angiogenic factors in the development of the fetal heart (see attachments) *Ultrasound Obstetrics and Gynecol*, 2013.

- 1..1.2. Through a grant from the Department of Science and Innovation are evaluating new markers of prenatal diagnosis in conjunction with the company CC GENECADI BIOTEC: IMMFACTO scholarship 2011-2013,

- 1..2. Cardiac and cerebral hemodynamics study in children with CC, in collaboration with the University of Pittsburgh (USA) in order to determine predictors of neurological injury markers in children with CC (*Echocardiography*, 2008, *Rev Esp Cardiol*. 2008 *ClinRheumatol.*, 2007, *Ultrasound Obstet Gynecol* 2007;. *Heart*, 2005, *Int J Cardiol* 2005).

- 2. Fetal growth restriction and preeclampsia: pathophysiological studies on the mechanisms of placental disease and its complications:

- oxidative and placental angiogenic factor (European grant PROGNOSIS) (*Free Rad Biol Med* 2004, *Metabolism* 2005, *Am J Obstet Gynecol* 2006, *Hypertension in Pregnancy* 2012, *J Perinatal Medicine* 2013) *Stress*.

- Cardiovascular and neurological development (FIS 06/1213, FIS (07/095) (*Ultrasound Obstet Gynecol* 2008; *Am J Reprod Immunol* 2008, *Obstetrics and Gynecol International*, 2009, *Hum Reprod* 2012;.. *Lupus* 2012;.. *Am J Reprod Immunol* ., 2012; *Immunobiology* 2012, *Ultrasound Obstet Gynecol* 2013 U)..