



**Pontificia Universidad Católica de Chile**  
**School of Medicine**  
**Department of Obstetrics and Gynecology**  
**Medical Research Centre (CIM)**  
**Cellular and Molecular Physiology Laboratory (CMPL)**  
**& Perinatology Research Laboratory (PRL)**



## **Support for PhD/MSc positions**

The Cellular and Molecular Physiology Laboratory (CMPL) & Perinatology Research Laboratory (PRL) are seeking for applicants at doctoral (PhD) and masters (MSc) level.

CMPL & PRL research is to understand cellular and molecular mechanisms behind fetoplacental vascular dysfunction in diseases of pregnancy such as gestational diabetes, pre-eclampsia, intrauterine growth restriction, premature delivery (including premature rupture of membranes, PROM) and fetal hypoxia. Ongoing research is focused in mechanisms regulating gene expression, transcripts and protein products associated with nucleoside and amino acid membrane transporters, and nucleotide and nucleoside receptors in micro and macrovascular endothelium of the human placenta. In addition, studies on the elucidation of cellular and epigenetic mechanisms and vascular reactivity response are in progress.

### **PhD applicant (Code: 1PhD/ACT73/CMPL&PRL)**

A position for a PhD student at the CMPL & PRL from the Department of Obstetrics and Gynecology, School of Medicine, Pontificia Universidad Católica de Chile (PUC) is available. Applicants must be already enrolled within the first year of a PhD program in Chile and should not be the recipient of support for subsistence from CONICYT. Selected student will be granted with maximum 3 years funding. This is not intended for tuition fees, but only subsistence.

### **MSc applicant (Code: 1MSc/ACT73/CMPL&PRL)**

A position for an MSc student at the CMPL & PRL from the Department of Obstetrics and Gynecology, School of Medicine, Pontificia Universidad Católica de Chile (PUC) is available. Applicants must be already enrolled within the first year of an MSc program in Chile and should not be the recipient of support for subsistence from CONICYT. Selected student will be granted with maximum 18 months funding. This is not intended for tuition fees, but only subsistence.

Applicants to PhD/MSc positions will be interviewed.

All positions are expected to start on **May 1st, 2010**

Applicants must submit via e-mail an abbreviated CV (max. 3 pages), 2 references (including e-mail address and contact numbers), and name and contact information of the director of the postgraduate course where registered.

Persons to contact: Dr Luis Sobrevia/Dr Paola Casanello

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Santiago, March 22nd, 2010

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P Casanello (PUC ACT73), JK Nien (ACT73)