



**Edinburgh University and IDIMI/Universidad de Chile Scientific Meeting
January 2017, MOMENDO interchange program**

January 9th, Monday

- 15.00-15.10 Introduction, **Reinaldo González Ramos**
15.10-15.40 Nuclear factor-kappaB and iron overload in endometriosis pathophysiology, **Reinaldo González Ramos**
15.40-15.50 Questions
15.50-16.20 The expression of complement system is dysfunctional in the endometria of women with endometriosis during endometrial receptivity phase, **Alberto Palomino**
16.20-16.30 Questions
16.30-17.00 hCG signaling in human endometrium: transduction pathways and embryo implantation implications, **Alejandro Tapia**
17.00-17.10 Questions
17.10 Coffee

January 10th, Tuesday

- 9.00-9.30 Modeling endometriosis in rodents, **Philippa Saunders**
9.30-9.40 Questions
9.40-10.10 Sex steroids and endometriosis - intracrine regulation, **Philippa Saunders**
10.10-10.20 Questions
10.20-10.40 Coffee
10.40-11.10 Setting up a clinical trial to inform the management of pelvic pain in women, **Andrew Horne**
11.10-11.20 Questions
11.20-11.50 Could the altered energy metabolism observed in peritoneal mesothelial cells from women with endometriosis explain its aetiology and offer a novel therapeutic target?, **Andrew Horne**
11.50-12.00 Questions
12.00-12.20 Coffee
12.20-13.00 Laboratory visit
13.00-14.00 Lunch
14.00-17.00 **Alberto Palomino** lab experiments, laser capture microdissection.

January 11th, Wednesday

- 9.00-9.30 Significance of estradiol metabolites in human ovarian physiology and reproductive dysfunction, **Luigi Devoto**
- 9.30-9.40 Questions
- 9.40-10.10 Is the NGF system and its receptors involved in the pathophysiology of endometriosis? **María Cecilia Johnson**
- 10.10-10.20 Questions
- 10.20-10.40 Coffee
- 10.40-11.10 FONDECYT project: Testing intracellular iron chelators on iron overload exposed endometrial cells in vitro as a new potential therapy or prevention strategy for endometriosis. A cell signaling based study. **Reinaldo González-Ramos**
- 11.10-11.20 Questions
- 11.20-11.50 Gonadotropins signaling pathways in human granulosa cells of pre-ovulatory follicle. In vitro study of progesterone receptor complex on HIF1A, ADAMTS and MMP3/10 expression. **Soledad Henríquez**
- 11.50-12.00 Questions
- 12.20-13.00 Hospital, operating room and IVF lab visit.
- 13.00-14.00 Lunch
- 14.00-17.00 **Alejandro Tapia** lab experiments