

**PROGRAM**  
**XXIX ANNUAL MEETING**  
**SOCIEDAD CHILENA DE REPRODUCCIÓN Y DESARROLLO**

**Hippocampus Resort & Club, Concón, CHILE**  
**September 5 to 8, 2018**

**Wednesday 5<sup>th</sup>**

**14:00-15:30 REGISTRATION**

**15:45-16:00 OPENING CEREMONY.**  
Alfonso Paredes  
SChRD President

**16:00-17:00 CONFERENCE AWARD SChRD 2017**  
*Vasculogenic Mimicry: An alternative model of tumor irrigation*  
Gabriel Mingo. Pontificia Universidad Católica de Chile

**17:00-17:30 Coffee**

**17:30-19:00 SYMPOSIUM 1**  
**CANCER IN THE REPRODUCTIVE GLANDS**  
Chair: Hector Contreras

*Germline variations in the miRNAs miR-423, miR-27a, miR-182, and miR-1245a: potential as familial breast cancer susceptibility alleles and role in cell transformation.*  
Lilian Jara. Universidad de Chile

*New therapies in epithelial ovarian cancer: role of microRNA-145*  
Carmen Romero. Hospital Clínico Universidad de Chile

*Transcriptional factors and castration-resistant prostate cancer*  
Héctor Contreras. Universidad de Chile

**19:00-20:00 CONFERENCE 1**  
Chair: Dolores Busso

*Getting to know the Ca<sup>2+</sup> toolkit of mouse oocytes and eggs: a puzzle worth solving.*  
Rafael Fissore. University of Massachusetts, Amherst.

**20:00 Opening cocktail**

Thursday 6<sup>th</sup>

9:00-11:00 APPLICATION SESSIONS AND ORAL PRESENTATIONS 1

Chair:

11:00-11:30 Coffee

11:30-13:00 SYMPOSIUM 2  
NEUROENDOCRINE CHALLENGES: CHANGES IN THE OVARY IN  
PERIMENOPAUSE.

Chair: Myriam Laconi

*Ovarian aging: paradigm and current challenge*

Antonio Martínez. Centro de Medicina Reproductiva de Mendoza

*Benign and malignant ovarian disease in old age*

Javier Pampillon. Hospital Italiano de Mendoza

*Neurosteroids and ovarian function: effects during menopause*

Myriam Laconi. Universidad Juan Agustín Maza y Universidad de Mendoza

13:00-14:30 Lunch

14:30-15:30 CONFERENCE 2

Chair: Ricardo Moreno

*Molecular mechanisms involved in gamete interaction: from mouse to human*

Patricia Cuasnicú. Instituto de Biología y Medicina Experimental (IBYME) CONICET,

15:30 – 17:00 SYMPOSIUM 3  
ENERGY METABOLISM AND SPERM PHYSIOLOGY

Chairperson: Jorge Farías

*Can glucose be part of the controlling mechanisms of mammalian meiotic transition and/or spermiogenesis?*

Juan Reyes. Pontificia Universidad Católica de Valparaíso

*Calcium oscillations: a mechanism preventing the acrosome reaction*

Claudia Triviño. Universidad Autónoma de México

*Effects of cryopreservation on PKA in spermatozoa of S. salar*

Manuel Lee. Universidad de La Frontera

17:00- 17:30 Coffee

17:30- 18:30 CONFERENCE 3

Chair: Óscar Peralta

*Using an in vitro spermatogenesis platform to model male factor infertility and develop novel therapies*

Charles A. Easley. University of Georgia.

18:30-20:00 POSTER SESSION (Cheese and Wine)

Friday 7

**9:00-10:00 NEW MEMBERS SESSION AND ORAL PRESENTATIONS 2**

Chair:

**10:00- 11:00 CONFERENCE 4**

Chair: Jorge Farias

*The role of pH in the acrosome reaction in mammalian spermatozoa*  
**Alberto Darszon Israel**, Universidad Nacional Autónoma de México

**11:00-11:30 Coffee**

**11:30-13:00 SYMPOSIUM 4  
MECHANISMS OF FETAL REPROGRAMMING**

Chair: Margarita Vega and Manuel Maliqueo.

*Effect of prenatal hyperandrogenization on the endocrine and metabolic health of the offspring*

**Alicia B. Motta**. Universidad de Buenos Aires

*Metformin treatment during pregnancy prevents reproductive abnormalities in the offspring of obese mothers*

**Gonzalo Cruz**. Universidad de Valparaíso

*Effect of gestational hypoxia in neonatal and adult pulmonary circulation structure and function*

**Germán Ebensperger**. Universidad de Chile

**13:00-14:30 Lunch**

**14:30-15:30 CONFERENCE 5**

Chair: Hernán Lara

*Gonadotropin-inhibitory hormone in the gonads*  
**George Bentley**, University of California at Berkeley

**15:30-17:00 SYMPOSIUM 5  
FERTILITY AND ACTIVATION OF THE OOCYTE**

Chair: Dolores Busso

*Calcium channels as key proteins during oocyte maturation and fertilization*  
**Ingrid Carvacho**. Universidad Católica del Maule

*Role of alfa-SNAP in female fertility: lessons from a spontaneous mutant mice*  
**Marcela Michaut**. Instituto de Histología y Embriología de Mendoza Dr. Mario Burgos

*Ovarian Cholesterol Efflux: ABC Transporters and Follicular Fluid HDL Regulate Cholesterol Content in Mouse Oocytes.*

**Dolores Busso**. Pontificia Universidad Católica de Chile

**17:00-17:30 Coffee**

**17:30-18:30 ORAL PRESENTATIONS 3**

**18:30- 19:30 CLOSING CONFERENCE**

Chair: Margarita Vega

***“Nuestro universo: desde el big bang hasta la vida”***

**María Teresa Ruiz. Universidad de Chile**

**21:00-03:00 CLOSING CEREMONY**

**SCHRD Award for best oral communication**

**Reception of new members**

**PRESENTACIÓN DEL PRESIDENTE SCHRD 2019-2020**

**Jorge Farías**

**Dinner**

**Saturday 8<sup>th</sup>**

**10:00 – 12:00 SChRD ANNUAL MEETING SESSION**