



**International Symposium on Animal Biology of Reproduction,  
Nov. 15-18, 2006, Belo Horizonte, MG, Brazil**

**Lectures and poster sessions**

**Nov.15, 2006, Wednesday**

19:00: Opening ceremony

**Keynote Lecture:**

**Dr. Brian Setchell** (University of Adelaide, Australia)  
*The effects of heat on the testes of mammals.*

20:15 to 21:30: Welcome cocktail and celebration of Brian Setchell's 75<sup>th</sup> birthday.

**Nov.16, 2006, Thursday**

8:30 to 12:30: Session I

**Dr. Humphrey H-C Yao** (University of Illinois, USA)  
*From testis to Wolffian duct: emerging new players in male sexual differentiation.*

**Dr. Paul S. Cooke** (University of Illinois, USA)  
*Regulation of the spermatogonial stem cell niche by the transcription factor ERM.*

10:00 to 10:30: **Coffee break**

**Dr. Richard M. Sharpe** (MRC Human Reproductive Sciences Unit, Scotland, UK)  
*Testicular dysgenesis syndrome: from human disorders to mechanistic studies in an animal model.*

**Dr. Rupert P. Amann** (Colorado State University, USA)  
*Cryptorchidism and associated problems in animals.*

**Dr. Edward M (Mitch) Eddy** (NIH/NIEHS, USA)  
*Gene expression and the development of male gametes.*

14:00 to 17:30: Session II

**Dr. Bernard Jégou** (University of Rennes 1, France)  
*The blood-testis barrier re-revisited.*

**Dr. Ricardo S. Calandra** (University of La Plata and YBYME, Argentina)  
*Interactions and influence of serotonin, CRH and melatonin on Leydig cell function in the golden hamster.*

15:30 to 16:00: **Coffee break**

**Dr. Guido Verhoeven** (Catholic University of Leuven, Belgium)  
*Androgens and spermatogenesis: lessons from a Sertoli cell-selective androgen receptor knockout.*

**Dr. Rex A. Hess** (University of Illinois, USA)  
*Estrogens and the male reproductive tract.*

17:30 to 19:00: **Poster session I**

**Nov.17, 2006, Friday**

8:30 to 12:30: Session III

**Dr. Nancy M. Sherwood** (University of Victoria, Canada)  
*From brain to gonad: new neuropeptides emerge.*

**Dr. Harry J. Grier** (Fish & Wildlife Research Institute, USA)  
*Constancy of the germinal epithelium among vertebrates.*

10:00 to 10:30: **Coffee break**

**Dr. Rüdiger W. Schulz** (Utrecht University, The Netherlands)

*Photoperiod manipulation can stimulate or inhibit pubertal testis maturation in Atlantic salmon (*Salmo salar*).*

**Dr. Deborah O'Brien** (University of North Carolina, USA)  
*The glycolytic engine fuels sperm motility.*

**Dr. Arlindo A. Moura** (Federal Univ of Ceará, Brazil)  
*Seminal plasma proteins: from the cauda epididymis to the site of fertilization.*

14:00 to 17:30: Session IV

**Dr. Patricia S. Cuasnicú** (Instituto de Biología y Medicina Experimental, Argentina)  
*Molecular mechanisms involved in gamete interaction.*

**Dr. Hernandes F. Carvalho** (State University of Campinas, Brazil)  
*Androgens and androgen receptor in prostate development and regulation.*

15:30 to 16:00: **Coffee break**

**Dr. Maria Christina W. Avellar** (Federal University of São Paulo, Brazil)  
*Epididymis as a model to study innate immunity and the role of antimicrobial proteins in the male reproductive tract.*

**Dr. Wilma de Grava Kempinas** (State University of São Paulo, Brazil)  
*The epididymis as a target organ for toxic substances.*

17:30 to 19:00: **Poster session II**

**Nov.18, 2006, Saturday**

8:30 to 13:00: Session V

**Dr. Dirk de Rooij** (Utrecht University, The Netherlands)  
*Regulation of spermatogonial stem cell behaviour in vivo and in vitro.*

**Dr. Ina Dobrinski** (University of Pennsylvania, USA)  
*Transplantation of germ cells and testis tissue to study mammalian spermatogenesis.*

10:00 to 10:30: **Coffee break**

**Dr. Luiz R. França** (Federal University of Minas Gerais, Brazil)  
*Germ cell transplantation in fish.*

**Dr. Marvin L. Meistrich** (MD Anderson Cancer Center, USA)  
*Development of spermatogonia and transplanted somatic cells in irradiated testes.*

**The Lonnie Russell Talk:**

**Dr. Andrzej Bartke** (Southern Illinois University, USA)  
*Reproductive functions in long-lived and short-lived mice; trade-offs with aging?*

13:00: **Closing ceremony**