IETS Annual Conference 2011
Wyndham Orlando Resort, Orlando, Florida

Program Co-Chairs: Eckhard Wolf and Ciro Barros

“Reproductive Biotechnology at the Interface between Animal Agriculture and Biomedical Research”

Thursday, January 6, 2011
10:00 - 18:00  IETS Board of Governors Meeting

Friday, January 7, 2011
9:00 - 17:00  IETS Board of Governors Meeting
9:00 – 18:00  Health and Safety Advisory Committee (HASAC) – Research Subcommittee
16:00 - 19:00 Registration

Saturday, January 8, 2011
7:00 - 18:00  Registration
8:00 – 17:00  Pre-Conference Symposium – Advances in Bovine Reproduction and Embryo Technology
9:00 – 12:00  Health and Safety Advisory Committee (HASAC) – Regulatory Subcommittee
13:00 - 17:00 IETS Foundation Board of Trustees Meeting
13:00 – 18:00  2nd DABE Workshop: Plasticity, Fate Control and Therapeutic Safety of Stem Cells
11:00 - 18:00 Poster Setup
11:00 - 18:00 Commercial Exhibit Setup
14:00 – 17:00 Health and Safety Advisory Committee (HASAC) – Food Safety Subcommittee
17:00 - 18:00 IETS Student Group (The Morulas) Meet and Greet

Sunday, January 9, 2011
6:30 – 8:00  Poster Setup
7:30 - 8:30  Past President’s Breakfast
7:30 - 8:30  Student Competition Breakfast with Foundation Education Committee
7:00 - 18:00  Registration
8:00 - 17:00  Commercial Exhibition
8:30 - 9:30  IETS Foundation Education Committee
8:45 - 9:00 Opening and Welcome (E. Wolf and C. Barros)

9:00 - 10:30 Session I – Follicular Reserve

9:00 – 9:45 Does Size Matter in Females?
James J. Ireland, Michigan State University

9:45 – 10:30 In Vitro and In Vivo Control of Follicle Formation and Activation in Cattle
Joanne E. Fortune, Cornell University

10:30 - 11:00 Refreshment Break/Exhibition

11:00 - 12:30 IETS Foundation Student Competition Presentations

12:30 - 14:00 Lunch Break

12:30 - 14:00 IETS Board Luncheon with Affiliate Society Representatives

12:30 - 14:00 Health and Safety Advisory Committee (HASAC) - Forms & Certificates Subcommittee

14:00 - 15:30 Session II: Growth Factor and Follicular Development

14:00 – 14:45 Recent Insights into Oocyte-Follicle Cell Interactions Provide Opportunities for the Development of New Approaches to IVM
Robert B. Gilchrist, University of Adelaide

14:45 – 15:30 Follicular Somatic Cell Factors and Follicle Development
José Buratini, Jr., São Paulo State University

15:30 - 16:00 Refreshment Break/Exhibition

16:00 - 17:30 Session III: Recent Advances in In Vivo and In Vitro Cryopreservation

16:00 – 16:45 Cryopreservation and In Vitro Culture of Caprine Preantral Follicles
José R. de Figueiredo, LAMOFOPA

16:45 – 17:30 Cells under Pressure: How Sublethal Hydrostatic Pressure – Stress Treatment Increases Gametes’ and Embryos’ Performance?
Csaba Pribenszky, Szent Istvan University

17:30 – 18:00 Short presentations from submitted abstracts

18:00 - 20:00 Health and Safety Advisory Committee (HASAC) Open Meeting

20:00 Welcome Reception

Monday, January 10, 2011

7:30 - 16:00 Registration

8:00 - 18:00 Commercial Exhibits

8:00 - 17:00 A/V Library/Speaker Preparation

8:30 - 10:30 Poster Session I/Refreshment Break/Exhibition
10:30 – 11:15 Session IV: Genetic Engineering of Livestock

10:30 – 11:15 Perspectives on Transgenic Livestock in Agriculture and Biomedicine – An Update
Jorge Piedrahita, North Carolina State University

11:15 – 12:30 Session V: From Epigenetics to Epigenomics

11:15 – 12:00 Epigenetic Control of Development and Expression of Quantitative Traits
Hélène Jammes, INRA, UMR INRA-ENVA

12:00 – 12:30 Short presentations from submitted abstracts

12:30 - 14:00 IETS Data Retrieval Committee Meeting

12:30 – 14:00 Lunch Break

12:30 – 13:30 Exhibitors Luncheon with the IETS Board

14:00 - 16:00 Session VI: Molecular Networks as Sensors and Drivers of Fertility

14:00 – 14:45 Next Generation Sequencing Allows Deeper Analysis and Understanding of Genomes and Transcriptomes including Aspects to Fertility
Thomas Werner, Genomatix Software, Inc.

14:45 – 15:30 Dynamic Proteome Signatures in Gametes, Embryos and Their Maternal Environment
Georg J. Arnold, Ludwig Maximilian University of Munich

15:30 – 16:00 Short presentations from submitted abstracts

16:00 – 16:30 Refreshment Break/Exhibition

16:30 - 17:00 IETS Pioneer Award Presentation

17:00 - 18:00 IETS Annual Business Meeting

18:00 - 20:00 Companion Animal, Non-Domestic & Endangered Species (Candes) Open Meeting

18:00 - 19:00 Domestic Animal Biomedical Embryology Committee (DABE) Open Meeting

Tuesday, January 11, 2011

7:00 - 8:30 Organizational Meeting of the IETS Board of Governors.

8:00 - 15:00 Registration

8:00 - 13:30 Commercial Exhibits

8:00 - 17:00 A/V Library/Speaker Preparation

8:30 - 10:30 Poster Session II/Refreshment Break/Exhibition

10:30 - 12:30 Practitioners’ Forum: Recent Advances in Superovulation and Embryo Production
Reuben J. Mapletoft, University of Saskatchewan, Chairman

Speakers: Gabriel A. Bo, Institute of Animal Reproduction Cordoba (IRAC) and University of Villa Maria, Argentina: Simplified superovulation protocols using GnRH to control follicular development and one or two injections of FSH for superstimulation.
Pietro S. Baruselli and Manoel Sa Filho, University of São Paulo, Brazil: Use of sexed semen in superovulated Bos indicus donors
Richard Remillard, Trans Ova Genetics, USA: Use of sexed semen in superovulated Bos taurus donors and in-vitro embryo production

12:30 - 13:30 Lunch break
12:00 - 13:30 Organizational Lunch Meeting of the IETS Foundation
13:30 - 17:00 Commercial Exhibit and Poster Teardown
13:30 - 14:00 IETS Foundation Student Competition Awards, CANDES and HASAC Updates
14:00 - 14:45 IETS Distinguished Service Award Presentation
15:00 - 15:45 Session VII: Keynote Address
15:00 – 15:45 Nuclear Architecture in Developmental Biology and Cell Specialization
Thomas Cremer, Ludwig Maximilian University of Munich
15:45 - 16:00 Closing Ceremony
16:30 – 17:30 9th IETS Annual Running Competition
19:00 - Closing Party

Wednesday, January 12, 2011
7:30 – 11:00 Registration
8:30 - 17:00 Post Conference Seminar: International Regulations and Requirements for the Import/Export of Reproductive Biomaterials: Embryos, Semen and Tissue

Sponsored by the IETS Committee on Companion Animals, Non-Domestic and Endangered Species (CANDES)