

SCHEDULE

Friday AM, April 13, 2007

**Room C/G 101 - Cancer & Genetics Research Complex Auditorium
AMCB Distinguished Lecturer Series**

8:00 – 9:00 AM Douglas Bannerman, USDA-ARS, Beltsville, MD. FLICE-Like
Inhibitory protein (FLIP) protects Against bacterial
lipopolysaccharide-induced apoptosis

Friday PM, April 13, 2007

Auditorium, Whitney Laboratory

12:00 – 1:00 PM LUNCH

Session 1. Research Reports (James Moss, chair)

1:00 – 1:15 PM Kramer, J.M., K. Drury and K. Moore, Dept. of Animal Sciences,
University of Florida. Characterization of aneuploidy in bovine
oocytes and in vitro produced embryos

1:15-1:30 PM Loureiro, B., G. Entrican and P.J. Hansen. Dept. of Animal Sciences,
University of Florida and Moredun Research Institute, Ednburgh, UK.
Granulocyte-macrophage colony-stimulating factor improves the
proportion of bovine embryos that develop to the blastocyst stage.

1:30-1:45 PM Bonilla, A.Q.S., E. Wroclawska, and K. Moore. Dept. of Animal
Sciences, University of Florida. Characterization of CPG islands in
bovine cloned and in vitro produced embryos using bisulfite
mutagenesis.

1:45 – 2:00 PM Cooke, F.N.T. and A.D. Ealy. Dept. of Animal Sciences, University
of Florida, The expression of fibroblast growth factor receptors and
their ligands in pre- and peri-attachment bovine conceptuses.

BREAK 2:00 - 2:30 PM

Session 2 – Guest Lecture (Peter Hansen, Chair)

2:30 – 3:30 PM Leonid L. Moroz, Dept of Neuroscience & The Whitney Laboratory
for Marine Bioscience, University of Florida. Genomics of single cells
and cell compartments and evolutionary aspects of animal genomics

3:30 – 4:00 PM GROUP PICTURE

Session 3 – Research Reports (Katherine Hendricks, Chair)

- 4:00 – 4:15 PM Esterman, R.D., and J.V. Yelich. Dept. of Animal Sciences, University of Florida. Follicle developemnt in *Bos taurus* and *Bos indicus x bos taurus* cattle treated with GnRH and a progesterone insert
- 4:15 – 4:30 PM Eroh, M.L., A. D. Ealy and D.C. Sharp. Dept. of Animal Sciences, University of Florida. Pregnancy status and steroid exposure impact the abundance of endometrial cyclooxygenase-2 mRNA in mares.
- 4:30 - 4:45 PM Oliveira, L. and P.J. Hansen. Dept. of Animal Sciences, University of Florida. Differences in peripheral blood mononuclear cell populations between periparturient and nonpregnant cows.
- 4:45 – 5:00 PM Silva, L.A., D. Sharp and O.J. Ginther. Dept. of Animal Sciences, University of Florida and Eutheria Foundation, Cross Plains, WI. Endometrial vascular perfusion during early pregnancy in heifers assessed by color-doppler ultrasonography.

Check into Rooms

Volleyball

Cookout

Saturday PM, April 14, 2007 Auditorium, Whitney Laboratory

8:00 – 8:45 AM Breakfast

Session 4 – Distinguished Lecture (William Buhi, Chair)

- 8:45 - 9:45 AM Douglas Bannerman, USDA-ARS, Beltsville, MD Pathogen-dependent innate immune responses to intramammary infection in dairy cows.
- 9:45 – 10:00 AM BREAK

Session 5 – Research Reports (Kathleen Pennington, Chair)

- 10:00 – 10:15 AM Doty, A.L., M. Varest, S. Benson, M.A. Pozor, M.L. Macpherson, W.C. Buhi, and M.H.T. Troedsson. Depts of Animal Sciences, Large Animal Clinical Sciences, and Obstetrics & Gynecology, University of Florida. Heat shocked spermatozoa induce functional and structural damage to PMNs.

10:15 – 10:30 AM Hendricks, K.E.M. and P.J. Hansen. Dept. of Animal Sciences, University of Florida. Effects of heat shock of frozen/thawed ejaculated spermatozoa on fertilization and subsequent embryonic development

10:30 – 10:45 AM de Castro e Paula, L.A., and P. J. Hansen. Dept. of Animal Sciences, University of Florida. Protective effects of the antioxidant dithiothreitol (DTT) on preimplantation bovine embryos exposed to heat shock.

10:45 – 11:00 AM BREAK

Session 6 – Research Reports (Katherine Hendricks, Chair)

11:00 – 11:15 AM Padua, M. B., and P. J. Hansen. Dept. of Animal Sciences, University of Florida. Evolutionary relationship between epitheliochorial placentation and presence of uterine serpins

11:15 – 11:30 AM Pennington, K.A., and A.D. Ealy. Department of Animal Sciences, University of Florida, Gainesville Florida. Several fibroblast growth factors stimulate interferon-tau production in bovine trophectoderm.

11:30 – 11:45 AM Reed, S.A and Sally E. Johnson, Dept. of Animal Sciences, University of Florida. Characterization of equine umbilical cord blood-derived stem cells.

11:45 – 12:00 PM Yang, Q. and A.D. Ealy. Dept. of Animal Sciences, University of Florida. Potential involvement of PKC and MEK in mediating fibroblast growth factor 2 activity in trophectoderm.

ADJOURNMENT