



AMERICAN SOCIETY OF ANIMAL SCIENCE

33rd BIENNIAL REPRODUCTION SYMPOSIUM PROGRAM Monday, September 19, 2022

8:00–8:15 AM: **Welcome and Introductions:** Ky Pohler, Texas A&M University

8:15–9:15 AM: **L. E. Casida Award: Pete Hansen, University of Florida**

Reflections on a career as graduate mentor—from baby steps at Wisconsin to today

Morning Session: Honoring the Legend and Shaping the Future:

The Legacy of Dennis Hallford, Keith Inskeep, Gordon Niswender, and George Seidel

- 9:15–10:00 AM: **Rodolfo Cardoso**, Texas A&M University; *Effects of prenatal androgen excess on reproductive and metabolic function in a sheep model of PCOS*
- 10:00–10:45 AM: **Joy Pate**, Penn State University; *New perspectives on an old problem—the fate of the CL during early pregnancy in the cow*
- 10:45–11:00 AM: Break
- 11:00–11:45 AM: **Guilherme Pugliese**, USP Brazil; *Determination of corpus luteum blood perfusion and its application in reproductive biology and management*
- 11:45 AM – 12:30 PM: **Sofia Ortega**, University of Wisconsin; *Regulating viability of in vitro derived embryos by addition of cytokines to the culture medium*

12:30–2:00 PM: Lunch

Afternoon Session: The Reproductive Biology of Genetic Modification of Livestock

- 2:15–3:00 PM: **Tad Sonstegard**, Acceligen; *New breeding technologies to create new market opportunities for bovine genetics*
- 3:00–3:45 PM: **Irina Polejeva**, Utah State University; *Gene editing in livestock: Current status and future prospective*
- 3:45–4:00 PM: Break
- 4:00–4:45 PM: **Anna Denicol**, University of California, Davis; *Stem cells in domestic animal reproduction: Challenges and opportunities*
- 4:45–5:30 PM: **Vimal Selvaraj**, Cornell University; *Ground state of pluripotency in cattle: Conserved regulatory networks in the early embryo and induced pluripotent stem cells*
- 5:30–6:30 PM: **L. E. Casida Award: Jim Kinder, The Ohio State University**

7:00–8:30 PM: Trainee, Speaker, Attendee Mixer