

2016 NWRSS Schedule

Thursday, June 2, 2016

Great Hall, Philomath Scout Lodge

10:30 AM Registration opens and continues all day

11:30 AM-12:45 PM **Lunch**

1:00 PM-1:15 PM Welcome

Session 1: Female Reproduction- Uterine Function

Chair: Fred Stormshak

1:15 PM – 1:45 PM Keynote Speaker: **George Haluska**, Founding Father of the NWRSS

1:45 PM – 2:15 PM **James Pru**, Washington State University, “TCF3 and TCF12 are essential for female fertility and bestow non-erythroid hemoglobin biosynthetic activity on the gravid uterus”

2:15 PM – 2:45 PM **Hernan Montilla**, Oregon State University, “Diestrual intrauterine peanut oil infusion effect on the mare estrous cycle”

2:45 PM – 3:15 PM **Wipawee Winuthayanon**, Washington State University, “Estrogen receptor α is required for the embryo transport function of the oviduct”

3:15 PM – 3:30 PM **Shuai Li**, Washington State University, “Kallikreins in mouse uterus: the final essential step for semen liquefaction?”

3:30 PM – 3:45 PM **Break**

Session 2: Mechanisms of Cellular Development in the Reproductive Axis

Chair: TBD

3:45 PM – 4:15 PM **Jon Oatley**, Washington State University, “Determinants of the stem cell state in mammalian spermatogonia”

4:15 PM – 4:30 PM **Estela Jauregui**, Washington State University, “Leydig cell gene expression changes with the cycle of the seminiferous epithelium in the mouse”

4:30 PM – 4:45 PM **Tessa Lord**, Washington State University, “Development of a high throughput siRNA screen to identify novel transcription factors involved in spermatogonial stem cell renewal”

4:45 PM – 5:15 PM **Shawn Chavez**, Oregon National Primate Research Center, “Investigating the potential causes and consequences of chromosomal instability during primate pre-implantation development”

5:15 PM – 6:30 PM **Poster Session**

6:30 PM – 8:00 PM	Dinner	Great Hall, Philomath Scout Lodge
8:00 PM – 11:00 PM	Social	

Friday, June 3, 2016

Great Hall, Philomath Scout Lodge

8:30 AM **Continental Breakfast**

Session 3: Gonadotropins- Synthesis, Secretion, and Signaling Chair: TBD

9:00 AM – 9:30 AM **Cecily Bishop**, Oregon National Primate Research Center, “Effects of CG and VEGF on vascular function of the primate ovary”

9:30 AM – 10:00 AM **Henryk Urbanski**, Oregon National Primate Research Center, “Neuroendocrine control of ovulation in primates: a role for two distinct populations of GnRH neurons?”

10:00 AM – 10:30 AM **Michelle Kutzler**, Oregon State University, “Investigating the role of luteinizing hormone in non-reproductive tissues in dogs”

10:30 AM – 10:45 AM **Khawla Zwida**, Oregon State University, “Canine hemangiosarcoma expresses luteinizing hormone (LH) receptors”

10:45 AM – 11:00 AM **Break**

Session 4: Alterations in Steroid Hormone Signaling by Exogenous Factors Chair: TBD

11:00 AM – 11:15 AM **Mary Meaker-Smallman**, Oregon State University, “Impact of RU486 on phosphatidylinositol hydrolysis in the ovine corpus luteum”

11:15 AM – 11:30 AM **Tegan Horan**, Washington State University, “The kids are (not) alright: multigenerational estrogen exposure disrupts meiosis and reproductive tract morphology in male mice”

11:30 AM – 11:45 AM **Dakota Jacobs**, Oregon State University, “*Kiss1* expression is modulated by estrogen and endocrine disruptors in immortalized female AVPV- and arcuate-specific neuronal kisspeptin cell lines”

11:45 AM – 12:00 PM **Rebecca Veitch**, Oregon State University, “Circadian dysregulation is associated with a loss of estrogen receptor expression in mammary tissue: implications for an etiology of breast cancer”

12:00 PM – 1:30 PM **Lunch/Poster Session**

Session 5: Effects of Nutritional interventions on Reproduction**Chair: TBD**

- 1:30 PM – 2:00 PM **Massimo Bionaz**, Oregon State University, “Nutrigenomic intervention to prevent mastitis in dairy animals”
- 2:00 PM – 2:15 PM **Meredith Kelleher**, Oregon National Primate Research Center, “Maternal creatine supplementation for protection against perinatal brain injury in the non-human primate”
- 2:15 PM – 2:30 PM **Alexandria Snider**, Oregon State University, “Effects of OmniGen-AF® on superovulation response and embryo quality in donor beef cows”
- 2:30 PM – 2:45 PM **Fernanda Trindade da Rosa**, Oregon State University, “Percentage of milk fat, lactose, and protein is affected by diurnal variation in dairy goats”
- 2:45 PM – 3:00 PM **Cadence True**, Oregon National Primate Research Center, “Pubertal exposure to western style diet and androgens does not alter reproductive neuroendocrine sensitivities”
- 3:30 PM – 6:30 PM **Hiking (with wine & cheese) at Mary’s Peak (*RSVP required*)**
- 7:00 PM – 10:00 PM **Dinner/live music** **The Vue (517 SW 2nd St. in downtown Corvallis)**