

**ORS Preclinical Models Section Workshop: *Planning, Preparing, Conducting and Reporting of Preclinical Studies***

**Friday, February 7, 2020**

**2:00 PM – 6:00 PM**

**West 301 BC, Phoenix Convention Center**

**Workshop Agenda**

Many investigators do them or will do them: preclinical studies. Most researchers will learn how to conduct them "on the job". However, students and trainees may be overwhelmed with all things to know and think about. A basic understanding of preclinical model design and execution is essential for young investigators.

With these ideas in mind, the ORS Preclinical Models Section is excited to offer a NEW half day workshop for investigators at all career stages. The workshop will benefit anyone currently in the field or entering the field of preclinical studies. We aim to teach the basics and some of the tools needed to conduct preclinical research. Beside lectures, questions and discussions will be an integral part of this workshop. All attendees will be encouraged to submit questions or examples to be incorporated into the workshop.

**2:00 PM – 3:00 PM**

**Introduction**

Stephan Zeiter, DVM, PhD, Dipl. ECLAM, AO Research Institute Davos, ORS Preclinical Models Section Chair\*

**Planning**

Stephan Zeiter, DVM, PhD, Dipl. ECLAM, AO Research Institute Davos, ORS Preclinical Models Section Chair\*

- Picking the right model
- Designing an animal study
- Choosing appropriate outcome measures
- Power calculations and statistical analysis

**3:00 PM – 3:15 PM**

**Break**

**3:15 PM – 4:15 PM**

**Preparing**

Thomas P. Schaer, VMD, University of Pennsylvania School of Veterinary Medicine New Bolton Center\*

- IACUC
- Logistic
- Team involvement
- FDA/ regulatory needs

**4:15 PM – 4:45 PM**

**Break**

**4:45 PM – 6:00 PM**

**Conducting and Reporting**

Matthew Allen, VetMB, PhD, University of Cambridge\*

- Anesthesia/ analgesia/ euthanasia
- In vivo assessment
- Surgery
- Reporting

**Wrap Up/Conclusion**

**6:00 PM**

**Workshop Adjourns**

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