

# LABORATORY ANIMAL SCIENCES

## MAY 14<sup>th</sup> 2020



Date	Time	Track	Presentation Title	Speaker
14-May	06:00 - 07:00 AM		Embracing biological variation to improve reproducibility and reduce animal use	Hanno Würbel Division of Animal Welfare
14-May	07:30 - 08:30 AM		Sex bias in preclinical research, why it exists and how to drive change	Natasha Karp, PhD Principal Data Scientist, AstraZeneca
14-May	09:00 - 11:00 AM		PANEL: Experimental design and the reproducibility crisis: pitfalls, power, and practical best practice	Joseph Garner, PhD Associate Professor of Comparative Medicine and, By Courtesy, of Psychiatry and Behavioral Sciences, Stanford University Medical Center Brianna Gaskill, PhD Associate Professor of Animal Welfare, Animal Sciences, Purdue University, College of Agriculture
14-May	11:00 - 12:00 PM		Transparent, reliable and reproducible animal research: the ARRIVE guidelines 2.0	Nathalie Percie du Sert, PhD Head of Experimental Design and Reporting, NC3Rs
14-May	12:00 - 12:05 AM		Animal Models for Tuberculosis Research	Yong Cheng, PhD Research Assistant Professor, Department of Biological Sciences, University of Notre Dame
14-May	12:00 - 12:05 AM		Automatic Detection and Classification of Behaviour in Laboratory Animals	Patrick Sweeney, PhD Founder & Chief Operating Officer, Naason Science, Inc.
14-May	12:00 - 12:05 AM		Comparison of the Impact of Phlebotomy Method on Physiologic and Behavioral Metrics of Pain and Distress in Mice	Elizabeth Moore, DVM Ph.D. Candidate, Weiss Laboratory, Cornell University College of Veterinary Medicine
14-May	12:00 - 12:05 AM		Compassion Fatigue: Education and Engagement in Animal Research	Marian Esvelt, DVM Veterinary Resident, University of Michigan

14-May	12:00 - 12:05 AM		Data Collection as Environmental Enrichment: Automated Behavioral Measurement in Voluntary Home Cage Operant Tasks	Jamie Ahloy Dallaire, MSc, PhD Postdoctoral Researcher, Department of Comparative Medicine, Stanford University
14-May	12:00 - 12:05 AM		Evaluation of Analgesia Efficacy in Postoperative Mice Using Novel Cage-Side Measures	Jennifer Lofgren, DVM, MS, DACLAM Associate Attending Veterinarian for Performance Standards and Enrichment, University of Michigan Medical School
14-May	12:00 - 12:05 AM		The Digitalization of the Vivarium: Past and Present Initiatives that Optimize Animal Care and Welfare	John J. Hasenau DVM, DACLAM Principal, Lab Animal Consultants
14-May	12:00 - 12:05 AM		Tissue Chips: Building Confidence Through Independent Experimental Testing	Ivan Rusyn, PhD Professor, College of Veterinary Medicine & Biomedical Sciences, Texas A&M University