



## 2019 REGIONAL MEETING AGENDA



### Monday, October 7<sup>th</sup>

Location: Boise Centre on the Grove, 850 W Front St

- 7:30 - 8:30 AM      **Registration, Poster Set-Up, and Continental Breakfast**
- 8:30 - 8:40 AM      **Welcome Remarks and Conference Overview**  
Dr. Haley Neff-LaFord, PANWAT President, Seattle Genetics, Inc.

#### *MORNING SYMPOSIUM: CURRENT APPLICATIONS OF COMPUTATIONAL SCIENCE*

- 8:40 - 9:40 AM      **Omic and Bioinformatic Analyses: Examples from Aryl Hydrocarbon Receptor-Mediated Hepatotoxicity**  
Dr. Tim Zacharewski, Michigan State University
- 9:40 - 10:10 AM    **Utilizing QST and QSP Modeling to Inform Clinical and Nonclinical Development of Zymeworks' Azymetric™ Biparatopic Platforms.**  
Dr. Rupert Davies, Zymeworks
- 10:10 - 10:30 AM    *Coffee Break and Poster Viewing*
- 10:30 - 11:30 AM    **Perspectives on the Development, Evaluation and Application of In Silico Approaches for Predicting Toxicity**  
Dr. Grace Patlewicz, NCCT, US EPA
- 11:30 - 12:00 PM    **Data Science in Healthcare: Demystifying Data Science**  
John Girgis, Health Catalyst

#### **LUNCH AND POSTER SESSION**

- 12:00 - 12:30 PM    **Lunch** (buffet lunch at Boise Centre)
- 12:30 - 1:45 PM     **Poster Attendance and Viewing**

#### *AFTERNOON SYMPOSIUM: RECENT ADVANCES IN TOXICOLOGY*

- 1:45 - 2:05 PM     **Building a Predictive Flame Retardant Classification Model Using the Multi-Dimensional Embryonic Zebrafish Platform**  
*Dr. Lisa Truong, Oregon State University*

- 2:05 - 2:20 PM      **Gut Microbiome Critically Impacts PCB-induced Changes in Hepatic Transcriptome Metabolic Fingerprints**  
*Joe Jongpyo Lim, University of Washington*
- 2:20 - 2:40 PM      **Development of iPSC-Derived Human Neuroprogenitor cells (hNPCs) and Neurons to Explore the Environmental Etiology of Guam Parkinson-Dementia Complex (PDC)**  
*Dr. Anna Chlebowski, Western University of Health Sciences*
- 2:40 - 2:55 PM      **Beyond pathway analysis: leveraging a weighted gene co-expression analysis to link gene sets with PAH-related cancer risk and regulatory values in 3D human bronchial epithelium**  
*Yvonne Chang, Oregon State University*
- 2:55 - 3:10 PM      **Differential hepatic recovery after sub-lethal microcystin-LR exposure in healthy versus nonalcoholic steatohepatitis rats**  
*Tarana Arman, Washington State University*
- 3:10 - 3:25 PM      *Coffee Break and Poster Viewing*
- 3:25 - 3:40 PM      **Utilizing Genome-wide Transcriptomics in Zebrafish to Discover and Characterize a Novel Biomarker for Aryl Hydrocarbon Receptor Activation**  
*Prarthana Shankar, Oregon State University*
- 3:40 - 4:00 PM      **Unraveling mechanisms of tris(1,3-dichloro-2-propyl) phosphate-induced epiboly arrest in zebrafish**  
*Dr. Subham Dasgupta, University of California, Riverside, CA*
- 4:00 - 4:20 PM      **Early-life PBDE Exposure in Mice Persistently Dysregulates Xenobiotic Biotransformation and Epigenetic Modification Genes in Adult Liver**  
*Dr. David Scoville, University of Washington*

#### PANWAT 2019 TOXICOLOGY ACHIEVEMENT AWARD PRESENTATION

- 4:20 - 5:10 PM      **Data, Mechanism, Synthesis: The Toxicologist's Craft**  
*Dr. Cecile Krejsa, Kartos Therapeutics*

#### CLOSING EVENTS

- 5:10 - 5:25 PM      **Awards and Closing Announcements**  
*Dr. Kristen Mitchell, PANWAT Vice-President, Boise State University*  
*Dr. Haley Neff-LaFord, PANWAT President, Seattle Genetics, Inc.*
- 5:25 - 6:00 PM      **Closing Reception** (at Boise Centre on the Grove)  
*Hosted by Seattle Genetics*