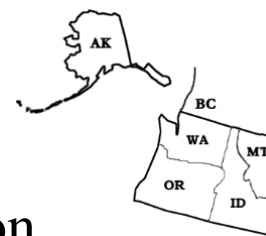




## 2018 REGIONAL MEETING AGENDA




# Neurotoxicity: Mechanisms and Methods of Investigation

**October 14<sup>th</sup>**  
Workshop, Reception  
Hilton Garden Inn  
Bothell, WA

**October 15<sup>th</sup>**  
Scientific Program, Reception  
Seattle Genetics  
Bothell, WA

### Sunday, October 14<sup>th</sup>

6:00 - 6:30 PM **REGISTRATION, WELCOME RECEPTION**

6:30 - 7:30 PM **COMMUNICATING SCIENCE WORKSHOP – SPONSORED BY:**  **charles river**  
**What to do about your “What do you do?”**  
*Jennifer Wroblewski, Northwest Association for Biomedical Research*

### Monday, October 15<sup>th</sup>

7:30 - 8:30 AM **REGISTRATION AND CONTINENTAL BREAKFAST  
POSTER SET-UP**

8:30 - 8:45 AM **Welcome Remarks and Conference Overview**  
*Dr. Nadia Moore, PANWAT President, Veritox, Inc.*  
*Dr. Norman Barlow, Head of Nonclinical Sciences, Seattle Genetics, Inc.*

### MORNING SYMPOSIUM – KEYNOTE AND INVITED SPEAKERS – SPONSORED BY:



8:45 - 9:45 AM **The FACTs of Peripheral Neuropathy: Findings, Actions, Causes, and Testing**  
*Dr. Brad Bolon, GEMpath, Inc.*

9:45 - 10:25 AM **Neurotoxicity of Traffic-Related Air Pollution**  
*Dr. Toby Cole, University of Washington*

10:25 - 10:55 AM **COFFEE BREAK AND POSTER VIEWING**

10:55 – 11:35 AM **Advanced Modeling of Peripheral Neuropathy Using a 3D Nerve-on-a-Chip Platform**  
*Dr. J. Lowry Curley, AxoSim, Inc.*

- 11:35 – 11:40 PM **Postdoctoral Flash Talk Mini-Symposium**
- 11:40 – 11:45 PM **Oral PBDE Exposure Modulates Metabolic Syndrome-related Aqueous Metabolites in a Gut Microbiome-Dependent Manner**  
*Dr. David Scoville, University of Washington*
- 11:45 – 11:50 PM **Gene-Environment Interactions of Cadmium Exposure on Learning and Memory**  
*Dr. Liang Zhang, University of Washington*
- 11:50 – 11:55 PM **Cadmium-exposed Zebrafish Affect Social Behavior of the Unexposed Majority**  
*Dr. Delia Shelton, Leibniz Institute for Freshwater Ecology and Inland Fisheries, Berlin Germany; University of Windsor, Ontario, Canada; Oregon State University*
- 11:55 – 12:00 PM **Health-relevant Metrics Beyond PM2.5 Concentration**  
*Dr. Courtney Roper, Oregon State University*
- 12:00 – 12:05 PM **Development of iPSC-Derived Human Neuroprogenitor Cells (hNPCs) to Explore the Environmental Etiology of Parkinson-Dementia Complex among Guam Chamorros**  
*Dr. Anna Chlebowska, Western University of Health Sciences*

**LUNCH AND POSTER SESSION – SPONSORED BY** 

- 12:05 – 12:30 PM **LUNCH**
- 12:30 - 1:45 PM **POSTER ATTENDANCE AND VIEWING**

**AFTERNOON SYMPOSIUM – SPONSORED BY** 

- 1:45 – 2:00 PM **In Utero Exposure to the Disinfectant Benzalkonium Chloride Alters Sterol and Lipid Homeostasis in the Neonate Mouse Brain**  
*Josi Herron, University of Washington*
- 2:00 – 2:15 PM **Neonatal Oral Exposure to Environmental Chemicals BPA, PBDEs, and PCBs Produced Persistent Dysbiosis Corresponding to Hepatic Epigenetic Reprogramming in Adult Mice**  
*Joseph Dempsey, University of Washington*
- 2:15 - 2:30 PM **Chronic, Low-Level Exposure to Marine Toxin, Domoic Acid, Alters Whole-Brain Morphometry in Nonhuman Primates**  
*Rebekah Petroff, University of Washington*
- 2:30 – 2:45 PM **Understanding the Physiological Functions of the Xenobiotic-sensing Nuclear Receptor PXR on Gut Microbiome Using Genetically-modified Mice**  
*Mallory Little, University of Washington*
- 2:45 – 3:00 PM **Neonatal Exposure to Environmental Chemicals BPA, BDE-99, and PCB Persistently Alters the Liver Transcriptome in Adult Mice**  
*Joe Jongpyo Lim, University of Washington*
- 3:00 – 3:15 PM **Microcystin-LR Renal Toxicity in Nonalcoholic Fatty Liver Disease**  
*Tarana Arman, Washington State University*

- 3:15 - 3:30 PM **COFFEE / SNACK BREAK**
- 3:30 – 4:10 PM **Improving Reproducibility: Biomedical Replication Studies**  
*Dr. Nicole Perfito, Science Exchange*
- 4:10 – 4:55 PM **PANWAT 2017 TOXICOLOGY ACHIEVEMENT AWARD PRESENTATION**  
*Dr. Craig Marcus, Oregon State University*
- 4:55 – 5:10 PM **Awards and Closing Announcements**  
*Dr. Haley Neff-LaFord, PANWAT Vice-President, Seattle Genetics, Inc.*  
*Dr. Nadia Moore, PANWAT President, Veritox, Inc.*
- 5:10 - 5:30 PM **CLOSING RECEPTION**  
*Hosted by Seattle Genetics*

STUDENT REGISTRATION SPONSORED BY: 