

POSTER PRESENTATIONS - MONDAY

Held in the Junior Ballroom Foyer

Poster Number	Author / Title
1	Caroline Cote -Behaviors characterizations and trace of endocrine disruptors mixture
2	Mark Hanson -The role of vegetated buffers in agriculture and variation in their regulation across Canada and the United States: A need for rationalization
3	Jenna Keen - The effects of anti-sea lice drugs and pesticides on marine zooplankton
4	William Martin - Comparing the toxicity of neonicotinoid pesticides to two collembolan species
5	Andrea Farwell - Evaluating the toxicity of dissolved and particulate fractions of eroded oil sands: Differences in the sensitivity of <i>Hyalella azteca</i> between age 2 and 9 days old
6	Allison Ritcey - Patterns in riverine benthic communities from reference and potentially impacted areas in the Athabasca oil sands area, Alberta, Canada
7	Elizabeth Ruberg - A review of the impacts of petroleum toxicity on marine mammals, reptiles, and fish
8	Jessica Head - Modulation of DNA methylation and mRNA expression in early life stage zebrafish (<i>Danio rerio</i>) exposed to benzo[a]pyrene
9	Christie Miller - Effects of an early life-stage exposure to tebuconazole on the reproductive physiology of adult zebrafish (<i>Danio rerio</i>)
10	Amy Gainer - Is juvenile soil invertebrate avoidance to contaminated soil more sensitive than adults?
11	Danielle Milani - Toxicity and benthic alteration in the St. Marys River Area of Concern: Changes in assessment techniques to determine the need for sediment management
12	Nathanel Harper - Validating environmental DNA metabarcoding methods via conventional taxonomic identification in Ontario's Grand River watershed
13	Patricija Marjan - From challenges to recommendations for brook trout (<i>Salvelinus fontinalis</i>) environmental DNA (eDNA) method development
14	Denina Simmons - Multi-omic Approach to the Analysis of Organism Responses to Great Lakes Sediment, Effluent and Surface Water Exposures
15	E Kaarunya Tit-Protein profile analysis of the diatom <i>Chaetoceros calictrans</i> upon exposure to Triclosan
16	Derek Green - Predicting adverse outcomes of selenomethionine exposure to embryonic white sturgeon (<i>Acipenser transmontanus</i>) using in-ovo microinjection
17	Jessica Head - Evaluation of the effects of ethinylestradiol and chlorpyrifos using an early-life stage Japanese quail toxicity test and omics technologies
18	Natacha Hogan - Relating Molecular Toxicity Pathways to Apical Outcomes of Chronic Ethinyl Estradiol Exposure in <i>Xenopus Laevis</i>
19	Anoosha Attaran - Chronic exposure to selenomethionine disrupts social behaviours and alters arginine vasotocin and isotocin gene expression in zebrafish (<i>Danio rerio</i>)
20	Carolyn Brown - Evaluation of Environmental DNA Analyses as a Tool in Identifying Biota in Cooling Water
21	Ulyana Fuchylo - Effects of 17B-trenbolone on adult fathead minnow (<i>Pimephales promelas</i>)
22	Debra Reeves - Sub-lethal effects of thiamethoxam and a mixture of clothianidin, imidacloprid, and thiamethoxam on early life stages of sockeye salmon (<i>Oncorhynchus nerka</i>)

POSTER PRESENTATIONS – TUESDAY

Poster Number	Author / Title
1	Mark Cantu - Bioaccumulation of very hydrophobic compounds in rainbow trout
2	Ryan Loveridge - Polychlorinated Dibenzo-p-dioxins/furans Human Health Risk Assessment in the North Coast, British Columbia
3	Tammie Morgan-Gray -Bioaccumulation of per- and poly-fluoroalkyl substances (PFAS) in the terrestrial and aquatic environments of an airport
4	Jorgelina Muscatello - Derivation of site-specific water quality objectives for uranium in northern Canada
5	Jordan Anderson - The effect of 17 α -ethinylestradiol (EE2) and hydroxypropyl- β -cyclodextrin (HP β CD) on the heart rate of embryonic Japanese medaka (<i>Oryzias latipes</i>)
6	Tim Barrett - Statistical methods for analyzing environmental monitoring data containing non-detects
7	Adrienne Bartlett - Digging into the toxicity of benzotriazoles and benzothiazoles to benthic invertebrates
8	Sarah Calbick - Sub-Lethal Effects of Clothianidin on Early Life Stage Sockeye Salmon (<i>Oncorhynchus nerka</i>)
9	Sunny Choi - Toxicity of flotation reagent AERO 6493 to invertebrate <i>Hyalella azteca</i> and <i>Daphnia magna</i>
10	Silvia Giuliani - A possible approach for dredging sediments in the Pelagos Sanctuary
11	Isabelle Gosselin - Effects of in vivo exposure to tritium: a multi-biomarker approach using the fathead minnow, <i>Pimephales promelas</i>
12	Mostafa Hasani - Set up a method for measuring mercury in Foodstuffs with reference materials by FI-HG-AAS
13	Yvonne Lam - Aquatic toxicity of the rare-earth element yttrium on Columbia spotted frog (<i>Rana luteiventris</i>) tadpoles
14	Taylor Lane - Reproductive effects of selenium in the fathead minnow (<i>Pimephales promelas</i>)
15	Hossein Mehdi - The impacts of wastewater on fish communities in Hamilton Harbour
16	Justin Miller - An investigation of dicamba using hepatocytes of rainbow trout (<i>Oncorhynchus mykiss</i>) in primary culture
17	Kirsten Nikel - Fish behaviour and physiology across two wastewater effluent gradients in Cootes Paradise and Hamilton Harbour
18	Connor Pettem - Identification of causes of toxicity in a pulp mill effluent
19	Davide Sartori - Bioassays battery on POCIS extracts as a monitoring tool for marine waters
20	Mark Servos - Modeling the response of fish to major infrastructure upgrades in wastewater treatment plants
21	Jordana Van Geest - A sulphate and total dissolved solids (TDS) toxicity interaction study for coal mine influenced waters in British Columbia
22	Jordana Van Geest - Acute toxicity of thiocyanate and cyanate to rainbow trout across a range of conditions
23	Mathew Watkins - Identifying the sources of microfibres through a comparison of microfibre shed rates from home laundering of textiles of various types and introducing lint traps as a potential means of mitigation

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24	Barbara Elliott - Expanded Approaches for Prioritization and Assessment of Flame Retardants under the Canadian Environmental Protection Act, 1999
25	Drew MacDonald - Deriving predicted no-effect concentrations for ecological risk assessments (ERAs) conducted under the Canadian Environmental Protection Act using a new assessment factor (AF) approach