Tuesday/Mardi, May/Mai 7

15:00-17:00

Invertebrate parasitology

Location/Lieu: **Shediac C**

Chair/Animé par: **Jillian Detwiler** (University of Manitoba)

15:00-15:15	**Snail microhabitat preference as a potential driver of trematode parasite exposure risk in the Bay of Fundy** Goldberg, R.M., Tay, A., Koprivnikar, J. *Department of Chemistry and Biology, Toronto Metropolitan University, Toronto, Canada*
15:15-15:30	**Avoidance of fungal and nematode parasitic threats by red flour beetles (*Tribolium castaneum*)** Smith, T.R., Koprivnikar, J. *Department of Chemistry and Biology, Toronto Metropolitan University, Toronto, ON, Canada*
15:30-15:45	**Mosquitoes cause of life threatening disease vectors.** Imran Ahmed, Shabab Nasir, Farhat Jabeen, Awais Ali Chatha *Department of Zoology, Government College University, Faisalabad, Pakistan*
15:45-16:00	**Mosquito-borne arboviruses in the Maritimes: Using ecological niche modelling as a tool for targeted arbovirus surveillance** Rawson, G.M.[1], Boyd, N.H.[1], Peach, D.A.H.[2], Ferguson, L.V.[1] *[1]Department of Biology, Acadia University, Wolfville, NS, Canada; [2]Department of Infectious Disease, University of Georgia, Athens, U.S.A.*
16:00-16:15	**Mosquito surveillance in the Maritime provinces under the lens of climate change** Boyd, N. H.[1], Bacon, E.[1], Rawson, G.[1], Rutherford, A.[1], Heard, S. B.[2], Badcock, J.[3], Carr, J.[4], Hillier, K.[1], Easy, R. H.[1], Smith, T. G.[1], Ferguson, L. V.[1] *[1]Acadia University; [2]University of New Brunswick; [3]New Brunswick Department of Health; [4]New Brunswick Department of Agriculture and Fisheries*
16:15-16:30	**Hemolymph metabolite, peptide, and protein changes in caterpillars experiencing parasite-induced feeding suppression** Miller, D.W.[1], Barker, A.[2], Zbarsky, J.[1], Adamo, D.[2], Adamo, S.A.[1] *[1]Department of Psychology & Neuroscience, Dalhousie University, Halifax, Canada; [2]Medical Sciences Program, Dalhousie University, Halifax, Canada*
16:30-16:45	**Parasitic manipulation via gene transfer and neuroinflammation: How the parasitic wasp, *Cotesia congregata* alters host neural function and behaviour.** Adamo, SA *Department of Psychology and Neuroscience*
16:45-17:00	**Assessing Whether Climbing Behaviour Explains Low Prevalence of Brainworm (*Parelaphostrongylus tenuis*) Infection in Gastropod Hosts** Mann, S. C. and Detwiler, J. T. *Department of Biological Science, University of Manitoba, Winnipeg, Canada*