

## Wednesday/Mercredi, May/Mai 8

8:30-10:30

Thermal Physiology: mammals, inverts and more!

Location/Lieu: **Shediac B**

Chair/Animé par: **Anne Dalziel** (Saint Mary's University)

8:30-8:45	<b>Tropical endothermy in a changing world: predicting the energetics of small mammals using mechanistic models</b> <u>Levesque, D.L.</u> <sup>1</sup> , Grunwald, A. <sup>1</sup> , Breit, A. <sup>1,2</sup> , Brown, E. <sup>1,2</sup> <sup>1</sup> School of Biology and Ecology, University of Maine, Orono, ME, USA; <sup>2</sup> School of Life Sciences, University of Nevada Las Vegas, Las Vegas, NV, USA
8:45-9:00	<b>Ontogenetic Changes in Metabolic Scaling and Thermogenesis in the Thirteen-lined Ground Squirrel (<i>Ictidomys tridecemlineatus</i>)</b> <u>Li, J. L.</u> , Marshall, K.E., Milsom, W. K. Department of Zoology, University of British Columbia, Vancouver, BC, Canada
9:00-9:15	<b>Estuarine crocodiles are heating up</b> Barham, K. <sup>1</sup> , Dwyer, R. <sup>2</sup> , Frere, C. <sup>1</sup> , Baker, C. <sup>3</sup> , Campbell, H. <sup>3</sup> , and Irwin, T. <sup>4</sup> , Franklin, C.E. <sup>1</sup> <sup>1</sup> School of the Environment, The University of Queensland, Brisbane, Australia; <sup>2</sup> School of Science, Technology and Engineering, University of the Sunshine Coast, Sippy Downs, Australia; <sup>3</sup> Research Institute for Environment & Livelihoods, Charles Darwin University, Darwin, Northern Territory, Australia; <sup>4</sup> Australia Zoo, Beerwah, Australia
9:15-9:30	<b>Effects of temperature and food availability on feeding behaviour and metabolism in the sea cucumber <i>Cucumaria frondose</i></b> <u>Kabanova, K.</u> , Filgueira, R. Department of Biology, Dalhousie University, Halifax, NS, Canada
9:30-9:45	<b>Exploring mechanisms of acclimation responses to thermal and saline stress in the cnidarian, <i>Nematostella vectensis</i></b> <u>Venkatesh, S.</u> , Little, A.G. <sup>1</sup> Department of Biology, McMaster University, Hamilton, ON, Canada
9:45-10:00	<b>The Heat is On: Investigating the impact of heat waves on the apple pest <i>Choristoneura rosaceana</i></b> <u>McMillan, L.E.</u> <sup>1</sup> , Adamo, S.A. <sup>1</sup> , Blatt, S. <sup>2</sup> <sup>1</sup> Department of Psychology and Neuroscience, Dalhousie University, Halifax, NS, Canada; <sup>2</sup> Agriculture and Agri-Food Canada, 32 Main St, Kentville, NS, Canada
10:00-10:15	<b>Cell size and fatty acids as modulators of temperature tolerance in <i>Daphnia</i></b> <u>Dufresne, F.</u> , Pecl, I, Bernier, S.-B, Blier P. Département de biologie, Université du Québec à Rimouski, Québec, Canada
10:15-10:30	