

## Tuesday/Mardi, May/Mai 7

15:00-17:00

Performance

Location/Lieu: **Shediac A**

Chair/Animé par: **Léa Herpe** (Université de Moncton)

15:00-15:15	<b>ATP and glutamate coordinate contractions in the freshwater sponge <i>Ephydatia muelleri</i></b> <u>Ho, V.R.</u> , Goss, G.G., Leys, S.P. <sup>1</sup> <i>Department of Biological Sciences, University of Alberta, Edmonton, AB, Canada</i>
15:15-15:30	<b>Protein turnover kinetics in the freshwater snail <i>Planorbella duryi</i>.</b> <u>Wang, C.</u> <sup>1</sup> , Lamarre, S.G. <sup>2</sup> , Treberg, J.R. <sup>1</sup> <sup>1</sup> <i>Department of biology, University of Manitoba, Winnipeg, Canada;</i> <sup>2</sup> <i>Département de biologie, Université de Moncton, Moncton, Canada</i>
15:30-15:45	<b>The Effects of Diet Quality on Developmental Plasticity of Size and Flight Energetics in the Hawk Moth, <i>Manduca sexta</i></b> <u>Ellison, E.</u> , Darveau, C. -A <i>Department of Biology, University of Ottawa, Ottawa, Canada</i>
15:45-16:00	<b>Adaptations to extreme hydrostatic pressure in the world's deepest freely diving insect (<i>Chaoborus edulis</i>) in Lake Malawi</b> <u>McKenzie, E. K. G.</u> <sup>1</sup> , Ames, T. <sup>1</sup> , Chombo, J. <sup>2</sup> , Ngochera, M. <sup>2</sup> , Matthews, P. G. D. <sup>1</sup> <sup>1</sup> <i>Department of Zoology, University of British Columbia, BC, Canada;</i> <sup>2</sup> <i>Department of Fisheries, Ministry of Natural Resources and Climate Change, Malawi</i>
16:00-16:15	<b>Effects Of Migratory Strategy On Flight Muscle Mitochondrial Physiology In Songbirds</b> <u>Coulson, S. Z.</u> <sup>1,2</sup> , Staples, J. F. <sup>1</sup> , Guglielmo, C. G. <sup>1,2</sup> <sup>1</sup> <i>Department of Biology, Western University, London, Canada;</i> <sup>2</sup> <i>Centre for Animals on the Move, Western University, London, Canada</i>
16:15-16:30	<b>Endogenous Antioxidant Response in Muscle Tissue of the Cownose Ray (<i>Rhinoptera bonasus</i>)</b> <u>Bailey, B.</u> , <u>Lewis, J.M.</u> <i>Department of Biology, Georgia Southern University, Statesboro, GA, USA</i>
16:30-16:45	<b>Amino Acids at the Races: Vampire Bats Rapidly Fuel Running with Blood Meal Protein</b> <u>Rossi, G.S.</u> and <u>Welch Jr, K.C.</u> <i>Department of Biological Sciences, University of Toronto Scarborough, Toronto, ON, Canada</i>
16:45-17:00	<b>Exploring the broader systems-level consequences of ocean acidification in the bigfin reef squid, <i>Sepioteuthis lessoniana</i></b> <u>Allen, G.J.P.</u> <sup>1</sup> , <u>Kuan P.-L.</u> <sup>1</sup> , <u>Yan, J.-J.</u> <sup>1</sup> , <u>Hayasaka, O.</u> <sup>2</sup> , <u>Nash, M.T.</u> <sup>1</sup> , <u>Chen, Y.-W.</u> <sup>3</sup> , <u>Hwang, D.W.</u> <sup>3,4</sup> , <u>Tseng, Y.-C.</u> <sup>1</sup> <sup>1</sup> <i>Marine Research Station, ICOB, Academia Sinica, Jiaoxi, Taiwan;</i> <sup>2</sup> <i>Kanazawa University College of Science and Engineering, Isikawa, Japan;</i> <sup>3</sup> <i>Biomedical Translation Research Center, Academia Sinica, Taipei, Taiwan;</i> <sup>4</sup> <i>Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan</i>