

## Thursday/Jeudi, May/Mai 9

13:30-15:30

Fish hypoxia

Location/Lieu: **Ballroom A and B**

Chair/Animé par: **Brittney Borowiec** (University of Waterloo)

13:30-13:45	<b>Tissue O<sub>2</sub> Supply as a Potential Trigger for Hypoxic Metabolic Depression in Fishes</b> <u>Goudreau, A.</u> , Regan, M.D. <i>Department of Biology, University of Montréal, Montreal, QC, Canada</i>
13:45-14:00	<b>Does Chronic Hypoxia Elicit a Whole-animal Ketogenic Response in the Pacific Spiny Dogfish (<i>Squalus suckleyi</i>)?</b> <u>Wahl, R. C.</u> , Morash, A. J. <i>Department of Biology, Mount Allison University, Sackville, NB</i>
14:00-14:15	<b>Goldfish (<i>Carassius auratus</i>) Exhibit a More Robust Response to Anoxia and Re-oxygenation at Colder Temperatures</b> <u>Trzcinski, M.E.</u> <sup>1</sup> , Borowiec, B. <sup>2</sup> , Wilkie, M.P. <sup>1</sup> <sup>1</sup> <i>Department of Biology, Wilfrid Laurier University, Waterloo, ON, Canada;</i> <sup>2</sup> <i>Department of Biology, University of Waterloo, Waterloo, ON, Canada</i>
14:15-14:30	<b>Adapting to low oxygen: enhancing hypoxia tolerance in brook trout (<i>Salvelinus fontinalis</i>) through acclimation and repeated exposure</b> <u>Stairs, C.</u> and Sacobie, C.F.D. <i>Department of Biology, University of New Brunswick, Fredericton, NB, Canada</i>
14:30-14:45	<b>Breathability versus Barricade: Gill morphology of <i>Kryptolebias marmoratus</i> in response to individual and combined exposures to hypoxia and high environmental ammonia?</b> <u>Clow, T. M.</u> <sup>1</sup> , Rodela, T. M. <sup>1</sup> <sup>1</sup> <i>Department of Biology, Saint Francis Xavier University, Antigonish, Canada</i>
14:45-15:00	<b>Arctic char and cyclic hypoxia: a story that comes to an end...</b> <u>Ducros, L.</u> <sup>1,2</sup> , Lavoie-Rochon, A.S. <sup>1</sup> , Cohen, A.M. <sup>3</sup> , Touaibia M. <sup>2</sup> , Pichaud, N. <sup>2</sup> , Lamarre, S. G. <sup>1</sup> <sup>1</sup> <i>Département de Biologie, Université de Moncton, Moncton, Canada;</i> <sup>2</sup> <i>Département de Chimie et Biochimie, Université de Moncton, Moncton, Canada;</i> <sup>3</sup> <i>Biological Mass Spectrometry Core Facility, Dalhousie University, Halifax, Canada</i>
15:00-15:15	<b>Evaluating The Toxicity Of Silver Nanoparticles On The Behaviour And Physiology Of Bristlenose Catfish (<i>Ancistrus Cirrhosis</i>)</b> <u>Hache, C. M.</u> <sup>1</sup> , MacCormack, T. J. <sup>1</sup> <sup>1</sup> <i>Department of Chemistry and Biochemistry, Mount Allison University, Sackville, NB</i>
15:15-15:30	<b>Anaerobic swim performance and recovery of Pacific salmon during their spawning migration</b> <u>Pleizier, N.</u> <sup>1</sup> Kusack, K. <sup>1</sup> , Stambolian, S. <sup>1</sup> , Robinson, K. <sup>2</sup> , Patterson, D. <sup>2</sup> , Venditti, J. <sup>1</sup> , Eliason, E. <sup>3</sup> <sup>1</sup> <i>School of Environmental Science, Simon Fraser University, Burnaby, Canada;</i> <sup>2</sup> <i>Fisheries and Oceans Canada, Science Branch, Cooperative Resource Management Institute, School of Resource and Environmental Management, Simon Fraser University, Burnaby, Canada;</i> <sup>3</sup> <i>University of California, Santa Barbara, Department of Ecology, Evolution and Marine Biology, University of California, Santa Barbara, USA</i>