

# Thursday/Jeudi, May/Mai 9

13:30-15:30

## Stress and Hormones

Location/Lieu: **Shediac C**

Chair/Animé par: **Alex Quijada-Rodriguez** (Wilfried Laurier University)

13:30-13:45	<b>Characterization of glucose/glycogen metabolism during stress in larval sea lamprey, <i>Petromyzon marinus</i></b> <u>Quijada-Rodriguez A.R.</u> <sup>1</sup> , Doughty, N <sup>1</sup> , Hall, D.J. <sup>1</sup> , Wilkie, M.P. <sup>1</sup> <sup>1</sup> <i>Department of Biology, Wilfrid Laurier University, Waterloo, ON, Canada</i>
13:45-14:00	<b>Chronic Cortisol suppress Feeding by enhancing Hypothalamus-Specific Metabolite enrichment in Rainbow Trout Brain</b> <u>Antomagesh, F.</u> <sup>1</sup> , Blanco, A.M. <sup>2</sup> , Comesaña, S. <sup>2</sup> , Soengas, J.L. <sup>2</sup> , and Vijayan, M.M. <sup>1</sup> <sup>1</sup> <i>Department of Biological Sciences, University of Calgary, Calgary, Alberta, Canada;</i> <sup>2</sup> <i>Centro de Investigación Mariña, Laboratorio de Fisiología Animal, Departamento de Biología Funcional e Ciencias da Saúde, Facultade de Biología, Universidade de Vigo, Vigo, Spain</i>
14:00-14:15	<b>CRHR1 signalling modulates acute stress-related behaviour in larval zebrafish</b> <u>Rajeswari, J. J, Gilbert, G. N. Y., Vijayan, M. M.</u> <i>Department of Biological Sciences, University of Calgary, Calgary, Alberta</i>
14:15-14:30	<b>Investigating the Behavioural Consequences of Stress-Induced Inhibition to Forebrain Neurogenesis in Adult Zebrafish (<i>Danio rerio</i>)</b> <u>Amanda Wiseman</u> <sup>1</sup> , Faith Young <sup>1</sup> , Sarah Alderman <sup>1</sup> <sup>1</sup> <i>Department of Integrative Biology, University of Guelph, Guelph, Canada</i>
14:30-14:45	<b>Ultraviolet radiation - the neglected pervasive diurnal stressor</b> <u>Franklin, C.E.</u> <sup>1</sup> , Cramp R.C. <sup>1</sup> , Hird, C. <sup>1</sup> , and Lundsgaard, N. <sup>1</sup> <sup>1</sup> <i>School of the Environment, The University of Queensland, Brisbane, 4072 , AUSTRALIA</i>
14:45-15:00	<b>Restricting pee is key: neuroendocrine inhibition of primary urine secretion in a major vector of human diseases</b> <u>Sajadi, F.</u> <sup>1</sup> , Di Scipio, C. <sup>1</sup> , Snan, L. <sup>1</sup> , Vergara-Martínez, M.F. <sup>1,2</sup> and Paluzzi, J.P. <sup>1</sup> <sup>1</sup> <i>Department of Biology, York University, 4700 Keele Street, Toronto, ON, Canada;</i> <sup>2</sup> <i>Departamento de Biología Celular y Fisiología, Instituto de Investigaciones Biomédicas, Universidad Nacional Autónoma de México, Mexico City, Mexico.</i>
15:00-15:15	<b>Behavioural and transcriptional profiling of larval zebrafish exposed to environmentally relevant ammonia levels</b> <u>Bernier, N.J.</u> <sup>1</sup> , Kwant, P. <sup>2</sup> , de Jong, G.H.R. <sup>1</sup> , Gorissen, M. <sup>2</sup> <sup>1</sup> <i>Department of Integrative Biology, University of Guelph, Guelph, Canada;</i> <sup>2</sup> <i>Department of Plant &amp; Animal Biology, Radboud Institute for Biological and Environmental Sciences, Radboud University, Nijmegen, The Netherlands</i>
15:15-15:30	<b>Characterization of neuroepithelial cells across life stages of sea lamprey (<i>Petromyzon marinus</i>)</b> <u>Sevova, R.L.</u> <sup>1</sup> , Tigert, L.R. <sup>2</sup> , Singh, D. <sup>3</sup> , Porteus C.S. <i>Department of Cells and Systems Biology, The University of Toronto Scarborough Campus, Scarborough, Canada</i>