

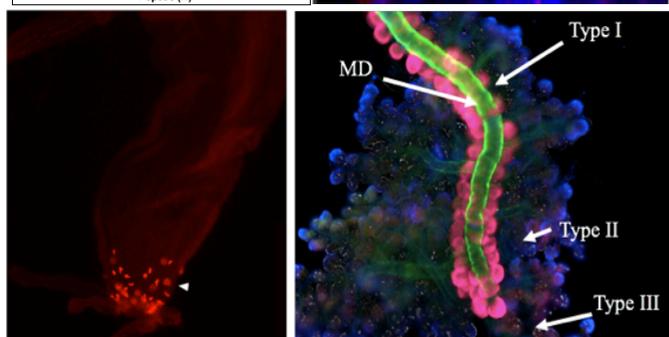
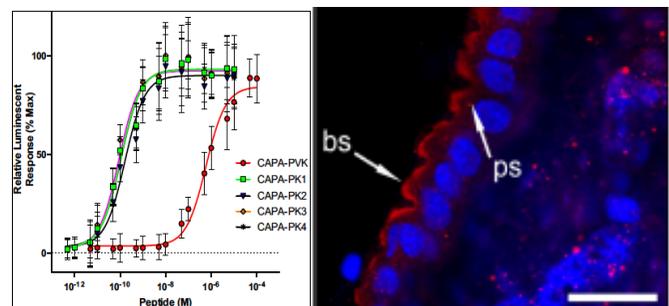
**PhD and PDF position,  
Department of Biology, York University, Toronto, Canada**

A PhD (start Sept. 2019) and PDF position (start Jan. 2019) is available in comparative neuroendocrinology and arthropod vector biology in the [Paluzzi lab at York University](#). Our lab utilizes an extensive range of techniques (in physiology, cell biology, biochemistry, molecular and reverse genetics) to address fundamental research questions with an overall focus on comparative endocrinology. Specifically, my lab characterizes neuroendocrine systems in arthropod disease vectors, which feed on the blood of humans and other vertebrates.

In consultation with Prof. Paluzzi, the successful applicants will lead an independent and innovative research project focused on one of several exciting projects currently available ([see recent publications](#)). The successful candidates will have the opportunity and be encouraged to mentor junior scientists in the research group, will gain extensive experience using various experimental techniques and will be to encouraged to collaborate locally and internationally to develop state-of-the-art approaches that best tackle their specific research questions.

The ideal candidate for the PhD position will be highly motivated and have demonstrated (or have strong potential for) academic and research excellence, with a **minimum** average of B+ over the last two years of study. Although direct-entry into the PhD program is possible, preference will be given to candidates with an MSc in Animal Physiology or a related field (in hand or near completion) and evidence of manuscripts submitted and/or published in reputable peer-reviewed journals in the relevant fields of animal physiology, biochemistry and/or comparative endocrinology.

The successful candidate for the PDF position will be a highly-motivated and innovative individual with a PhD in Animal Physiology or a related field (in hand or near completion). The candidate should have a strong record of publications in reputable peer-reviewed journals in the relevant fields of animal physiology, biochemistry and/or comparative endocrinology. Outstanding candidates will also be encouraged and supported to apply for the highly competitive [York Science Fellows](#) premier program (deadline is January 4th, 2019).



Complete applications should be compiled into a single file consisting of a cover letter describing your specific interests, a curriculum vitae, an unofficial transcript and the names and contact information of **at least** two references who can provide a supportive account of the strengths, demonstrated research potential and suitability of the candidate for a research-intensive PhD position. The expected start date for the PhD candidate is **September 1<sup>st</sup>, 2019** while the PDF position could start as early as **January 1<sup>st</sup>, 2019**. For full consideration, apply as soon as possible since the positions are open until suitable candidates are identified. Please note that most domestic and international students now receive similar research stipends and specific details will be discussed with short-listed candidates. Please email applications directly to Prof. Jean-Paul Paluzzi ([paluzzi@yorku.ca](mailto:paluzzi@yorku.ca)).

