



DEPARTMENT OF BIOLOGY

Queen's University
Kingston, Ontario, Canada K7L 3N6

Postdoctoral position in plant molecular biology

A postdoctoral position is available to study the molecular mechanisms underlying plant stress responses in the [Monaghan Lab](#) at [Queen's University](#) in Kingston, Ontario, Canada. We are looking for a talented postdoc with strength in molecular plant biology, biochemistry, and genetics to join our growing team. Specific research goals are flexible but most of our work focuses on understanding the biochemical and genetic interactions governing immune and stress signaling in the model plant *Arabidopsis*. We are excited to expand into molecular evolution in order to deepen our knowledge of plant signaling nodes, particularly with respect to understanding how protein kinases and E3 ubiquitin ligases function.

Queen's is a full-spectrum, research-intensive university that conducts leading-edge research in a variety of areas including molecular biology. The collegial environment, state-of-the-art facilities, and strength in plant biology make the [Biology Department](#) a great place to conduct postdoctoral research. Kingston is located in a beautiful part of Ontario and is driving distance to major cities Toronto, Ottawa, and Montreal. Queen's is located on the lakefront of iconic Lake Ontario and offers an excellent quality of life for those who enjoy both the outdoors and urban living.

The start date for this role is negotiable (and contingent on COVID19-related restrictions) but is expected to be on or before January 1, 2021. Funding is available for a 1-year contract with the possibility of extension up to 3 years.

Qualifications:

- PhD in molecular biology, genetics, cell biology, microbiology, or plant biology
- Independent and critical thinker with excellent technical skills in molecular biology, biochemistry, or genetics
- Experience working with (model) plants and/or microbes
- Excellent writing skills, evidenced by high-quality preprints and/or peer-reviewed publications
- Highly motivated to contribute to an enthusiastic, collegial, and inclusive work environment
- Strong interest in, and experience with, training junior scientists including BScH and MSc thesis students
- Competitive for and willing to apply for external fellowships such as Banting, NSERC, Queen's Internal Awards, EMBO, MSCA, and others.

Interested candidates are welcome to apply by submitting a single PDF containing:

- A genuine statement of interest outlining why you would like to work together
- A genuine statement of research goals
- *Curriculum vitae*
- Copy of most important publication and a short paragraph explaining its significance
- Contact details of two references

Email your application to jacqueline.monaghan@queensu.ca with the subject heading 'POSTDOC APPLICATION: Last Name, First Name'. Please note that all applications will be auto-filed and evaluated after September 30, 2020.

**Applications from those who identify with under-represented groups are particularly encouraged.
All applications will be considered but only short-listed candidates will be contacted.**