Postdoctoral position in plant immunology

A postdoctoral position is available to study the molecular mechanisms underlying plant immune responses to microbial pathogens in the Monaghan Lab at Queen's University in Kingston, Ontario, Canada. We are looking for a talented postdoc with a solid background in molecular biology, biochemistry, plant biology, and genetics to join our growing team. Research goals are flexible but most projects currently focus on understanding the biochemical and genetic interactions governing immunity and immune homeostasis in the model plant Arabidopsis. 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 accomplished faculty 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 Toronto, Ottawa, and Montreal. Start date is negotiable but is expected to be on or before September 1, 2019. We have funding for 1 year with the expectation that additional years would be funded through an external fellowship.

Essential qualifications:

- PhD in molecular biology, genetics, cell biology, microbiology, or plant biology
- Independent and critical thinker
- Excellent technical skills in molecular biology, biochemistry, and genetics
- Experience working with plants and/or microbes
- Excellent writing and communication skills
- Track record of high-quality peer-reviewed publications
- Highly motivated and will contribute to an enthusiastic and collegial work environment
- Strong interest in, and experience with, training junior students
- Competitive for external fellowships, such as:
  - Banting postdoctoral fellowship applications – due internally on June 20, 2019, selected to be endorsed by Queen’s by July 12, 2019, and announced in winter, 2020.
  - NSERC postdoctoral fellowship applications – due on October 15, 2019 and announced in March, 2020.
  - Queen’s postdoctoral fund applications – due in January 2020 for spring 2020 decisions.
  - EMBO long-term fellowships – due in August, 2019 for fall interviews and winter 2020 decisions.
  - MSCA global fellowships – due in September, 2019 for winter 2020 decisions.
  - +several others from the CSC, NSF, Mitacs, etc

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

- statement of interest
- a list of external fellowships for which you are eligible to apply
- curriculum vitae
- copy of most important publication and a short paragraph explaining why
- contact details of two references

Email your application by June 10, 2019 to jacqueline.monaghan@queensu.ca with the subject heading ‘POSTDOC APPLICATION: LAST NAME, FIRST NAME’.

Only short-listed candidates will be contacted.