

**POSTDOCTORAL RESEARCH ASSOCIATE IN DEVELOPMENTAL BIOLOGY**  
**FACULTY OF SCIENCE**  
**SCHOOL OF BIOLOGICAL SCIENCES**  
**REFERENCE NUMBER 1877/1112**

- Opportunity to study molecular mechanisms regulating plant fertility
- Advanced molecular biology
- Disciplinary and interdisciplinary research and collaboration at national/international level

The laboratory of [Dr. Mary Byrne](#) studies the genetic regulation of plant shoot architecture and fertility in the model species *Arabidopsis thaliana*. Applications are invited for a Postdoctoral Research Associate to work on an Australian Research Council funded project and to study the role of ribosomal proteins and translation in female gametophyte development. This project will utilize extensive molecular and genetic tools to investigate how ribosome levels and protein translation influence female germline development and consequently plant fertility. This is an opportunity to be involved in national and international collaborations.

You must have:

- PhD in molecular biology, biochemistry or a closely-related discipline
- advanced molecular biology skills
- experience in DNA cloning, transcript profiling and/or protein isolation techniques
- ability to publish research in international peer-reviewed journals as sole author or in collaboration
- ability to conduct research under limited supervision either independently or as a member of a team
- good written and verbal communication skills with the ability to supervise students at a postgraduate and undergraduate level
- ability to start by mid-2013.

Relevant desirable skills include experience in genetics or developmental biology.

The position is full-time fixed term for 30 months subject to the completion of a satisfactory probation period for new appointees. Membership of a University approved superannuation scheme is a condition of employment for new appointees.

**Remuneration package:** \$92K p.a. including \$78K p.a. base salary, leave loading and up to 17% superannuation. Some support towards relocation and visa sponsorship will be available for the successful appointee if required.

**All applications must be submitted via the University of Sydney careers website.** Visit [sydney.edu.au/positions](http://sydney.edu.au/positions) and search by the reference number for more information and to apply.

Initial enquiries can be directed to Fabrice Noël on +61 2 8627 1218 or [fabrice.noel@sydney.edu.au](mailto:fabrice.noel@sydney.edu.au)  
For further information regarding the position or the project please contact Dr. Mary Byrne on [mary.byrne@sydney.edu.au](mailto:mary.byrne@sydney.edu.au)

**CLOSING DATE:** 7 February 2013 (Sydney time 11:30pm)

The University is an Equal Opportunity employer committed to equity, diversity and social inclusion. Applications from equity target groups and women are encouraged as they are underrepresented in this field.

© The University of Sydney