

# Postdoc Vacancy

## *Feng Group, John Innes Centre, UK*

**Closes:** 6th September 2020 **Salary:** £32,255 - £39,345 **Contract:** 18 months to 4 years

An exciting opportunity has arisen for a Postdoctoral Researcher to join [Xiaoqi Feng's Group](#), working on cutting-edge science in the field of plant epigenetics and reproduction.

The Feng laboratory uses plant male germlines as model systems to study the mechanisms underlying germline epigenetic reprogramming.

The ease of cell isolation, tolerance of plants for epigenetic mutations, and the conservation in epigenetic machineries between plants and animals makes plant male germline a uniquely powerful model for understanding germline epigenetics.

Dr Feng is an EMBO Young Investigator and previously a BBSRC David Phillips Fellow. Her lab members have opportunities supported by EMBO, ERC and BBSRC for training and networking.

You will benefit from training opportunities in the Feng lab, as well as formal programmes offered by the John Innes Centre's learning and development team.

### ***The role***

You will investigate the mechanisms underlying germline chromatin reconfigurations using a combination of genetics, epigenomics, imaging and developmental biology approaches.

Our plant models include *Arabidopsis*, rice, maize, *Brassica napus* and *Marchantia*.

In this role, you will have the opportunity to develop your skills in scientific research, critical thinking, communication and networking. You will also work with world leading scientists who are experts in their field.

### ***The ideal candidate***

You will have a PhD in life sciences. You will possess strong expertise in molecular biology, genetics and biochemistry, and a proven record in scientific writing.

Experience in epigenetic and genomic studies is desirable but not essential.

### ***To apply***

Via link: <https://jobs.jic.ac.uk/Details.asp?vacancyID=15594>

All applications should contain a CV and covering letter. For enquiries, please contact [Xiaoqi.Feng@jic.ac.uk](mailto:Xiaoqi.Feng@jic.ac.uk).

Interviews are expected to be held on 10 September 2020. Note, we reserve the right to close this advert before the closing date should sufficient applications be received.