

## THE SAINSBURY LABORATORY

### Post Doctoral position in cellular dynamics in plant immunity

A first line of active plant immunity is triggered by so-called pathogen-associated molecular patterns (PAMPs). The bacterial PAMP flagellin is recognized by the receptor kinase FLS2, which is localized to the plasma membrane and is targeted for endocytosis (Robatzek et al, 2006). To elucidate the role of membrane trafficking in plant immunity we have isolated novel components localizing to FLS2 membrane compartments. One objective of this project is to mechanistically characterize these components, and to determine their function in endocytosis and PAMP-triggered immunity.

The Sainsbury Laboratory is a charitable company of ~70 research scientists and support staff and a world leader in plant science. We are based on the Norwich Research Park, funded by the Gatsby Charitable Foundation, and closely linked to University of East Anglia and the John Innes Centre.

For more information visit [www.tsl.ac.uk](http://www.tsl.ac.uk)

The group of Silke Robatzek, currently located at the Sainsbury Laboratory, Norwich, and is looking for a post doctoral fellow starting in 2010. The post doc is expected to have a strong background in modern laboratory biology. Experience in genetics and plant cell biology is a benefit. A suitable background is PhD in molecular biology, genetics or biochemistry. For further information please contact Dr. Silke Robatzek ([robatzek@TSL.ac.uk](mailto:robatzek@TSL.ac.uk)). This is a 12 month position initially.

Salary will be within the UEA Research & Analogous staff Grade 7, at between £29,853 and £35,646 per annum and the appointment level will reflect the qualifications, skills, knowledge and achievements of the successful candidate.

Applicants should provide a CV, including the names and contact details of two referees, and a covering letter addressing the selection criteria. Please send formal applications, quoting the reference number below, either by e-mail to [HR@tsl.ac.uk](mailto:HR@tsl.ac.uk) or by post to Kim Blanchflower, HR Manager, The Sainsbury Laboratory, The John Innes Centre, Norwich Research Park, Colney, Norwich NR4 7UH, UK.

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