



Teacher Industrial Partners' Scheme (TIPS)

Company name: Babraham Institute

Application form: To apply for this placement, complete the [application form](#) and send to tips@slcs.ac.uk

Location: Babraham Research Campus, Cambridge, CB223AT

Who is the placement available to?

Secondary/post-16: teachers of GCSE and A level Biology

Dates of placement:

The Babraham Institute placement opportunity is available for two teachers.

The placement is 15 – 19 February 2016.

When applying for the scheme, please indicate which placement you would prefer.

Number of placements available: 2

Hours of work: 09:00 – 17:00 (Can be flexible)

Placement details:

The Babraham Institute is a world-class research institution, situated at the heart of the Babraham Research Campus, which is also home to 60 small to medium sized biotechnology companies. The Institute carries out research on the molecular mechanisms that underlie normal cellular processes and functions, with a particular focus on the process of ageing.

We are keen to be involved in the Teacher Industrial Partners' Scheme to demonstrate the breadth of career options in the scientific sector, put scientific research in the context of everyday life and to support teachers to engage students in cutting edge biological studies.



A teacher placement at the Babraham Institute will include:

- Shadowing / hands on experience in Institute laboratories including: signalling, epigenetics, immunology and nuclear dynamics
- Experience in Institute scientific facilities such as bioinformatics
- Visits to companies co-located on the Babraham Research Campus
- Development of teaching resources with Institute researchers and public engagement team
- Experience of scientific support departments such as knowledge exchange, commercialisation, public engagement and communications
- An awareness of the different roles and career paths involved within the Institute

Background Information:

The institute aims to be an open, transparent and accountable organisation that is leading in its contribution of science to culture, society and economic development and growth.

The Institute's research is supported by strategic funding from the Biotechnology and Biological Sciences Research Council and is split into four strategic research programmes:

- Immunology: The study of the immune system
- Nuclear Dynamics: How DNA is packaged in our cells
- Epigenetics: The study of modifications to our DNA
- Signalling: Within and between cells

There are over 300 staff at the Babraham Institute, just under 70% of those work in scientific roles as research group leaders, post doctoral researchers, PhD students and scientific facility staff. Additionally the Institute has a number of engineers, a computing team, nursery staff and administrators who support the Institute's scientific staff and maintain the Babraham Research Campus.

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