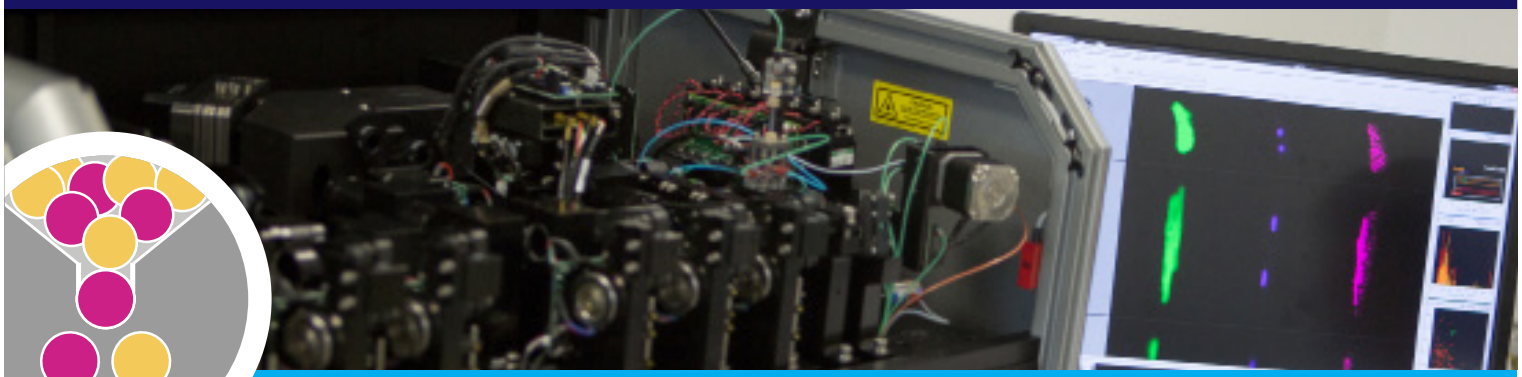
Scientific facilities available at the Babraham Institute



Flow Cytometry

The Babraham Institute provides unique research facilities of national importance. These have been developed with significant investment from the BBSRC. The Flow Cytometry Facility offers high quality service and state-of-the-art instrumentation to members of the Babraham Institute and external companies, including those based on the Babraham Research Campus.

Areas of expertise

The Flow Cytometry Facility has state-of-the-art analysers and provides a cell sorting service. Expert advice is available for experimental design, equipment training, post-acquisition analysis of data and help with interpreting flow data.

Equipment

Analysers

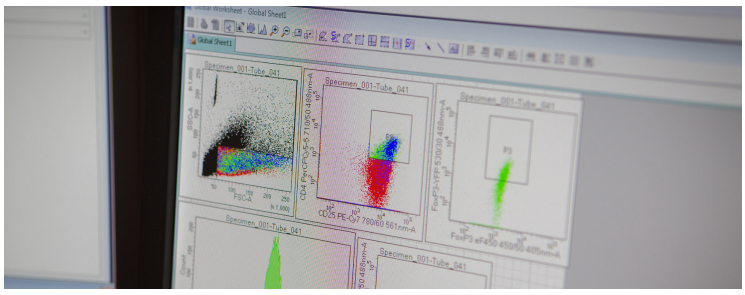
- 3 x BD LSRFortessa (5 laser, 20 parameters with HTS module)
- BD LSRII (4 laser, 12 parameters)

Cell Sorters

- BD FACSAriaIII (4 lasers, 18 parameters)
- BD Influx (5 lasers, 17 parameters)
- BD FACSAria Fusion (5 lasers, 20 parameters)
- 2x BD FACSAria Fusion (5 lasers, 20 parameters)

Other Equipment

- Merck Millipore Amnis Imagestream MkII
- Merck Millipore Muse Cell counter and Casy Counter
- Miltenyi Biotec AutoMacs



Pricing

Pricing for the use of the Facility's services is available on request.

Flow Cytometry Training Courses

These interactive, lecture- and exercise-based courses are given by experts in the field who can share their in-depth knowledge of an evolving technology. These courses are ideal for those using flow cytometry in industry and academia.

There are two modules available which are linked and have been designed to build up knowledge of flow cytometry to ensure that the delegate is confident to design, carry out, analyse and present their flow cytometry data.

For more information about the courses, dates and prices please visit: **www.babraham.ac.uk/flowtraining**

Babraham Institute Enterprise

To find out more: info@babrahamie.co.uk

www.babraham.ac.uk/science-services/flow-cytometry

Babraham Institute

Scientific facilities available at the Babraham Institute

Bioinformatics
The Bioinformatics group has a wide range of experience covering virtually all aspects of modern bioinformatics and statistics in both academic and commercial settings.

Biological Chemistry
The Biological Chemistry Facility provides a research capability to solve biological problems through the use of chemical knowledge and synthetic chemistry skills.

Biological Support Unit
The Biological Support Unit (BSU) provides housing and care for rodents at a highly defined health status, offering the highest standards of welfare, excellence in husbandry and procedural technique to support both academic scientific research programmes and private companies.

Flow Cytometry
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Gene Targeting
The Babraham Gene Targeting Facility provides a complete service to generate novel genetically altered mouse strains for biopharmaceutical companies and academic institutes.

Imaging
The Imaging Facility provides supported access to state-of-the-art fluorescence imaging technologies and offers expertise in live and fixed cell imaging.

Lipidomics
The Babraham Lipidomics Facility has established a series of LC-MS/MS, GC-MS/MS and HR/AM direct infusion mass spectrometric methods to analyse 37 classes of neutral lipids, phospholipids and sphingolipids from various biomedical samples.

Mass Spectrometry
The Mass Spectrometry Facility is equipped with a range of high resolution systems, which can be used for the identification, characterisation and quantitation of almost any type of biomolecule.

Sequencing
The Next Generation Sequencing Facility provides library quality control and sequencing services for the Babraham Institute and external companies, offering a variety of sequencing solutions for different project sizes and a broad range of applications.