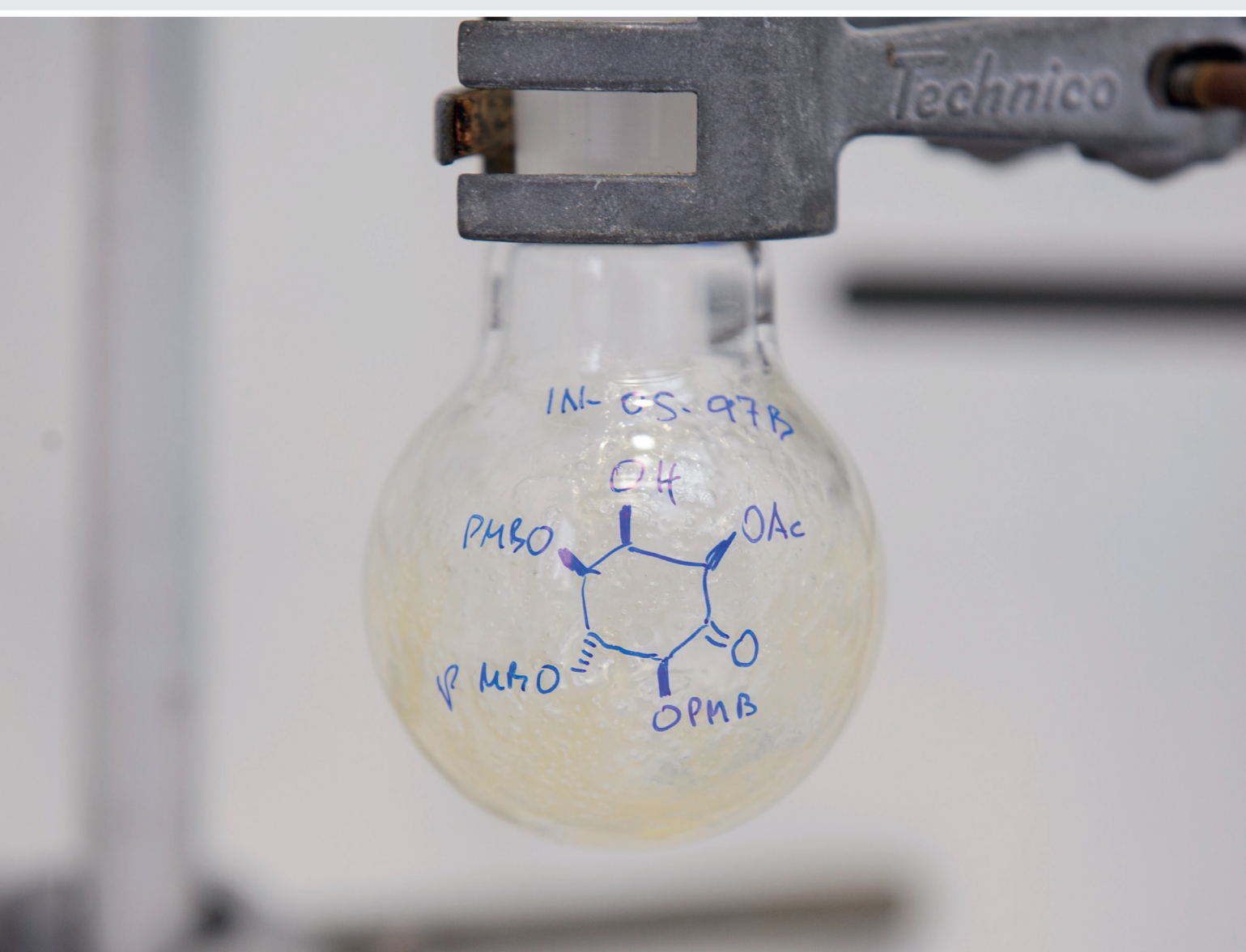




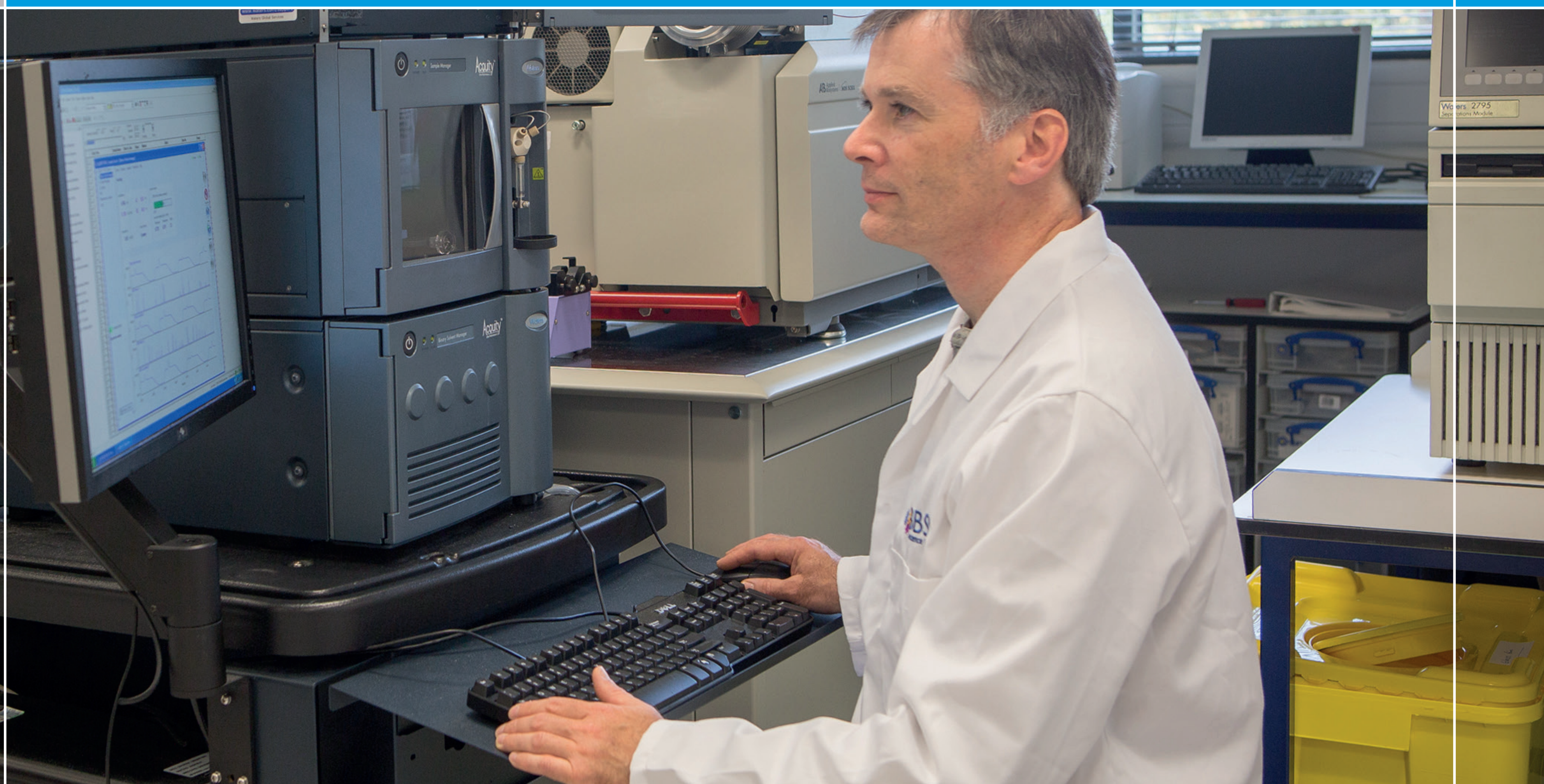
**Babraham
Institute**

Life Sciences Research
For Lifelong Health

Biological Chemistry Facility



The Biological Chemistry Facility provides the chemical support and understanding to generate insight and apply tools to answer biological problems. We use both our synthetic chemistry and analytical capabilities in the provision of these services.



Synthesis of small bioactive organic compounds and labels

- These might be compounds described in the literature or novel compounds with specific characteristics.

Synthesis of affinity resins and tags

- These might be made using compounds synthesised by the team or with proteins provided by the collaborating partner.

Synthesis of isotopically-labelled compounds

- These are typically made for use in combination with mass spectroscopy assays that we develop. They might be used to quantify biological molecules or track metabolic pathways.

Analysis of compounds that do not necessarily fit neatly into proteomics or lipidomics categories

- The team can apply a wide range of analytical techniques to identify specific molecules.

Design of assays to measure biological processes

- Assays may be fluorescent or mass spectrometry based.
- We can apply a wide range of processes and techniques to meet the specific questions of interest.