

## Molecular structures

As part of our molecular structures research staff explore the following areas:

- Advanced mass spectrometry techniques for the analysis of biomolecular and chemical structure ([Dr Helen Cooper \(/staff/profiles/biosciences/cooper-helen.aspx\)](/staff/profiles/biosciences/cooper-helen.aspx))
- How do protein fibres form? ([Dr Tim Dafforn \(/staff/profiles/biosciences/dafforn-tim.aspx\)](/staff/profiles/biosciences/dafforn-tim.aspx))
- Protein structure, function and kinetics: Use of biophysical techniques to optimise nitroreductase activity for cancer gene therapy and to examine DNA binding proteins ([Dr Eva Hyde \(/staff/profiles/biosciences/hyde-eva.aspx\)](/staff/profiles/biosciences/hyde-eva.aspx))
- Structural and dynamic aspects of regulatory protein phosphorylation (Dr Barry Levine)
- Structural Biology of Proteins, Enzymes and Macromolecular Complexes ([Dr Scott White \(/staff/profiles/biosciences/white-scott.aspx\)](/staff/profiles/biosciences/white-scott.aspx))
- Understanding Cellular Organisation at the Atomic Level ([Dr Peter Winn \(/staff/profiles/biosciences/winn-peter.aspx\)](/staff/profiles/biosciences/winn-peter.aspx))

