



Graduating in Biochemistry, Biotechnology, Biophysics, Chemistry, Chemical Engineering or Physics?

Looking to specialise in Biomolecular Technology?

The **MRes in Biomolecular Technology** at the National Centre for Macromolecular Hydrodynamics situated at the University of Nottingham's School of Biosciences is now accepting students for September 2022 entry (1 year FT, 2year PT).

The effective roll out of vaccines against Covid is the result of effective macromolecular design monitored by accurate measurement. There are many other examples across Industry and Academia in Biopharma, Food and Medicine. You will learn how biological macromolecules can be used and tailored for important functions in Biopharma (design of stable medicines against serious disease), Health (including healthy food) and Conservation, and about techniques used to assess these functions. The MRes is Directed by Prof Steve Harding, a Fellow of the Royal Society of Chemistry and Knight of the Royal Norwegian Order of Merit. The Biomolecular Technology ("BT") Course is taught closely with Industry with its recently appointed Special Professors at Astra-Zeneca, Sanofi, GSK, Arecor & also the National Institute of Biological Standards & Control. It also involves training from the University's Business School and a 6 month Industrially/ Biomedically related Project.

You will normally need a 2i degree or an MSc Distinction (strong candidates with lower qualifications may be accepted after interview). **Total fees***: £4,496 (UK/Ireland): £26,500 - £31,500 (International).

Enquiries: steve.harding@nottingham.ac.uk

To apply: <https://www.nottingham.ac.uk/ncmh/> (follow prospectus link)

Short video (95 seconds): <https://www.youtube.com/watch?v=IrDdu-40Wt8>

Diagram (top left moving clockwise): Structural model for IgE; Assessing possible aggregation in high concentration monoclonal antibody formulation against cancer; design of a glycoconjugate vaccine against Meningitis; tailoring natural product (or "green") based consolidation biopolymers for priceless wooden structures at risk of disintegrating – such as the Oseberg Viking ship artefacts. *2021-2022