PhD Studentship
Professor Matthew I. Gibson

PhD project: Therapeutic Cell Cryopreservation using Advanced Biomaterials
Supervisor: Professor Matthew Gibson
Funding availability: Fully funded for UK. EU/International contact to discuss
Deadline: Until filled

Project description:
3 linked (but independent) PhD positions are available as part of a €2M ERC grant to professor Gibson to develop the next generation of materials to cryopreservation therapeutic cells and proteins. This position is for cell biology to investigate how materials made in this project can be used to cryopreserve and retain the function of immune cells. The GibsonGroup has world-leading technology for cell cryopreservation (e.g. stem cells ACS Applied BioMaterials, 2020, 3, 5627, cell monolayers Angewandte Chemie, 2017, 56, 15941). We have unique suite of 5 laboratory’s including; Cryo-lab, Synthetic Lab, Analytical Lab, Cell Culture, Protein Engineering, and dedicated analytical infrastructure, such as flow cytometer, microscopy, biolayer interferometry and GPC.

Requirements:
Good degree (2.i or 1st class) in biochemistry, Biology, chemistry (potentially) or related subjects. Must be willing to engage in interdisciplinary research as part of a diverse team of chemists and biologists. Funding only available for UK/EU students.

How to apply:
Direct informal enquiries to Professor Gibson, m.i.gibson@warwick.ac.uk. In your email include a 2 page (MAX) CV and your current/predicted grades.
Research group information is available here http://www.warwick.ac.uk/go/gibsongroup/

Details on the formal application procedure can be found at http://www.go.warwick.ac.uk/pgapply