

Dr Alan Goddard

Senior Lecturer, School of Biosciences at Aston University

Birmingham, , GB

Dr Goddard's research interests focus around membrane proteins and the lipid membranes in which they reside.

Biography

Dr Goddard joined the School of Life & Health Sciences in October 2016 as a Lecturer in Biochemistry, having spent the previous four years as a Senior Lecturer in Biochemistry at the University of Lincoln. Prior to that, he spent nearly seven years as a postdoctoral researcher at the University of Oxford. Dr. Goddard completed both his BSc and PhD at the University of Warwick. Goddard's research interests focus around membrane proteins and the lipid membranes in which they reside. He has experience of working with a range of membrane protein systems including receptors such as GPCRs, transporters and biogenesis systems. He uses model lipid membranes to study proteins in their native environments and also to probe the effects of various compounds on the integrity of the membrane itself. For example, he has investigated the lipid-specific effects of antimicrobials and solvent on biological membranes. They have an ongoing collaboration with Green Biologics Ltd.

Areas of Expertise

Biological Membranes, Biochemistry, Lipid Membranes, Membrane Protein Systems, Antimicrobials

Affiliations

Member of Biochemical Society (Local Ambassador and Member of Training Theme Panel), Member of Microbiology Society, Member of British Biophysical Society, Senior Fellow of Higher Education Academy

Education

University of Lincoln
PGCE HE

University of Warwick
PhD Biological Sciences

University of Warwick
BSc (Hons) Biological Sciences with Molecular Genetics

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