



**BIOCHEMICAL  
SOCIETY**

A BIOCHEMICAL SOCIETY SCIENTIFIC MEETING

# Small G proteins in cellular signalling and disease

**12-15 September 2022,  
Victoria Gallery & Museum, Liverpool**

Small G proteins of the Ras superfamily regulate a plethora of cell signalling pathways and impact on most biological processes. Deregulation of these proteins and their pathways often results in disease, such as cancer and genetic disorders, and plays a role in infection by pathogenic organisms. The founding member of this superfamily of proteins, Ras, drives ~20% of human cancers and its inhibition is a goal of global importance.

In this meeting, we will discuss research covering all five families of small G proteins, to generate new ideas, collaborations and scientific strategies. This will include the Ras family, involved in cell growth, the Rho family, which drive cytoskeletal rearrangements, the Arf and Rab families, which play a role in vesicle trafficking and Ran, which is responsible for nuclear transport.

This conference will gather renowned experts to highlight recent advances in understanding the molecular mechanisms of small G protein functions. Sessions at the meeting will cover:

- Small G proteins in disease: challenges and progress
- Post translational modifications, localization and compartmentalization
- Small G protein function in context
- Regulators and modulators
- Downstream signalling
- Systems analysis of small G protein networks

**Join us in Liverpool for #GP22 #Gproteins22**

**Find out more:  
[bit.ly/Small-G-Proteins](https://bit.ly/Small-G-Proteins)**

**Submit your abstract now**

Abstract deadline and early bird registration

**12 July 2022**

