

**BIOCHEMICAL  
SOCIETY**

**A BIOCHEMICAL SOCIETY SCIENTIFIC MEETING**

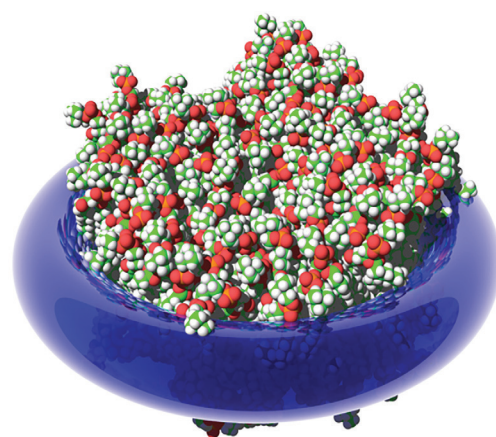
## **European SMALP 2022**

**6–8 April 2022**

**Macdonald Burlington, Birmingham, UK**

The application of styrene-maleic acid (SMA) co-polymers to extract small discs of membrane, termed SMA lipid particles (SMALPs), has changed the established landscape of research in biological membranes. Membrane proteins play a vital role in cellular communication and the control of transport across the membrane, making them key therapeutic targets for many human diseases. Their location within the membrane, tightly packed with so many different proteins and lipids has, until now, made them extremely challenging to study. By allowing membrane proteins to be purified and studied whilst maintaining their lipid environment, the SMALP methodology enables the study of membrane protein structure and function using techniques that were previously impractical.

New applications of SMALPs are rapidly emerging making membrane protein study more accessible and widespread. This meeting will explore the latest developments within the field, including novel polymers, techniques and targets, bringing together a wide range of researchers to share their findings.



**This meeting is  
preceded by the  
3<sup>rd</sup> UK workshop for  
membrane proteins**

**Register online  
[bit.ly/SMALP-2022](https://bit.ly/SMALP-2022)**

**Abstract submission and  
earlybird deadline: 4 February 2022**