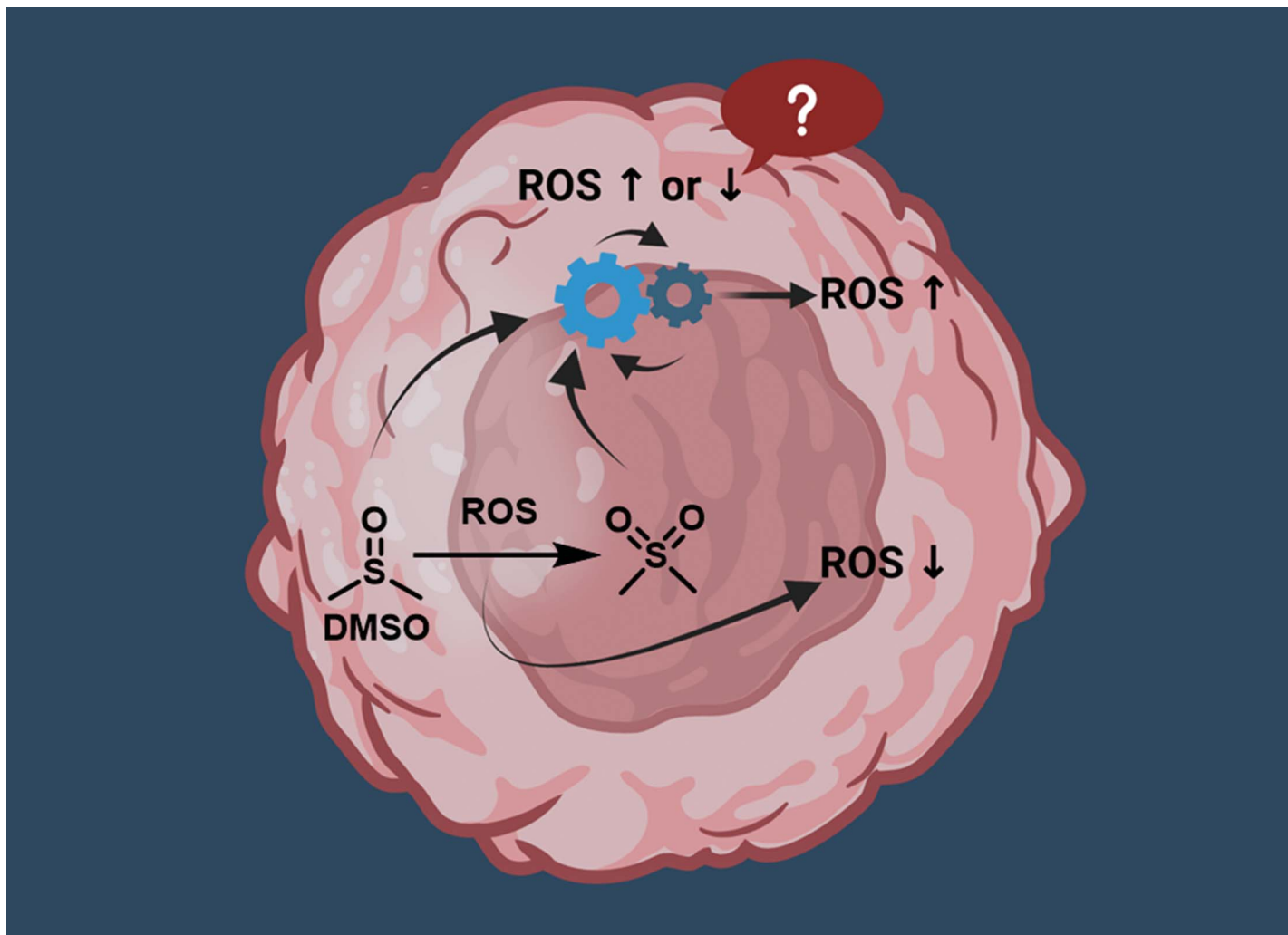


# EES Batteries

Exceptional research on  
batteries and energy storage

Part of the EES family

**Join**  
**in** | Publish with us  
[rsc.li/EESBatteries](https://rsc.li/EESBatteries)



Showcasing research from Professor Binghe Wang's laboratory, Department of Chemistry, Georgia State University, Atlanta, USA.

A critical factor in reactive oxygen species (ROS) studies: the need to understand the chemistry of the solvent used: the case of DMSO

Reactive oxygen species (ROS) plays a critical role in pathophysiological processes. ROS concentration determination is crucial to understanding basic biological processes and to the success of ROS-sensitive prodrugs. With the inherent complexities of ROS, there is a need to pay special attention to the experimental protocols. We hope to use this as an example to draw attention to the convoluted roles that DMSO and possibly other organic co-solvents can play and skew experimental results. We also suggest alternatives.

As featured in:



See Shubham Bansal and Binghe Wang, *Chem. Sci.*, 2024, **15**, 17843.