

# XXII NATIONAL CONGRESS OF BIOCHEMISTRY

## Next-Gen Biochemical Challenges Across Borders

24-26 October 2024 | University of Aveiro, Portugal

Jointly organized by The Portuguese Biochemical Society and the University of Aveiro



## CAROLINE DEAN

Professor Dame Caroline Dean has determined the mechanistic basis of how plants use seasonal temperature signals to judge when to flower. Her investigations of why some plants overwinter before flowering, how plants monitor winter cold, and how they adapt to different climates, elucidated a conserved cellular memory mechanism that senses and remembers long-term temperature exposure. She has been a group leader at the John Innes Centre UK since 1988, but in 2018 was awarded a Royal Society Professorship to link her activities with the MRC, Laboratory of Molecular Biology in Cambridge.