

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



WORKSHOP | Sponsored by LearnSci **"Lab Simulations & Smart Worksheets:** **Transforming Science Education, Empowering Educators** **to Inspire the Next Generation of Scientists"**

This interactive workshop will showcase a range of digital learning resources that are currently being used in undergraduate and postgraduate biochemistry education to support laboratory-based learning and the acquisition of data analysis skills. Participants will be able to explore some of the activities themselves and to learn more about their impact on 1. Increasing learning efficiency and engagement, 2. Developing student confidence in realistic, data-driven scenarios, 3. Reducing marking loads using sophisticated autograding and feedback, 4. Assessing learner analytics to facilitate responsive and flexible teaching and learning.