

## SPANISH SOCIETY OF BIOTECHNOLOGY

### ADVANCED SEMINAR ON BIOTECHNOLOGICAL PROCESSES AND APPLIED BIOCATALYSIS

Biotechnological processes are revolutionizing the world across all areas of biotechnology. In the fields of bioindustries and biomedicine, they have a profound impact on the development of new bioprocesses and bioproducts, both with cells and enzymes factories. The course covers aspects related to both Bioprocess Engineering and Applied Biocatalysis, including case studies.

The Spanish Society of Biotechnology (SEBiot), in collaboration with the Universitat Autònoma de Barcelona, organizes this Advanced Seminar on Biotechnological Processes and Applied Biocatalysis, associated with the SEBiot Congress (Biotec2025), which will take place in July in Barcelona (UAB). The course is open to SEBiot members, young biotechnologists, and PhD and master's students from any scientific field related to biotechnology.

The course is organized in a single day and will cover various technologies and applications. The final program will be confirmed soon.

#### PROGRAM ON BIOTECHNOLOGICAL PROCESSES AND APPLIED BIOCATALYSIS

Schedule	July 15 <sup>th</sup> 2025	Seminar
8.45-9.00	Francisco Valero/ M <sup>a</sup> José Hernáiz (Course Directors)	Course presentation
9.00-9.50		
9.50-10.40	Victoria Santos (U. Complutense Madrid)	
10.40-11.30		
11.30-11.50	Café	
11.50-12.40	Toni Manzano (Aizon)	AI and digital twins in pharma manufacturing
12.40-13.30		
13.30-14.45	Pausa Comida	
14.45-15.35	Ruth Ordoñez (Bionet)	
15.35-16.25		
16.25-17.15	Alvaro González (U.Salamanca)	The human body: A large factory of biochemical processes. Applications of Chemical Engineering in Biomedicine.
17.30	Course Closing and Diploma Award Ceremony	

**Course Dates:** July 15, 2025

**Location:** Faculty of Biosciences at UAB, where Biotec 2025 will take place.

**Classroom:** C3-032. Limited spots available for 40 participants.

**Registration:** Send the registration form to the SEBiot secretariat at [secretaria@sebiot.org](mailto:secretaria@sebiot.org) before June 1, 2025.

**Seminar Fee:** The cost will be 45 Euros (VAT included). Free for all SEBiot members with up-to-date membership.

Free for non-SEBiot PhD or master's students and students from the Universitat Autònoma de Barcelona registered for the Biotec2025 congress. Please attach the registration document for the congress.