



## WCCE11 - 11th WORLD CONGRESS OF CHEMICAL ENGINEERING

IACCHE - XXX INTERAMERICAN CONGRESS OF CHEMICAL ENGINEERING  
CAIQ2023 - XI ARGENTINIAN CONGRESS OF CHEMICAL ENGINEERING  
CIBIQ2023 - II IBEROAMERICAN CONGRESS OF CHEMICAL ENGINEERING

Buenos Aires - Argentina - June 4-8, 2023

*"The global chemical engineering working for a better future world"*

### **Adding value to natural underutilized products for the synthesis of prebiotic oligosaccharides. Fundamentals behind their technological structure-function relationship**



**Andrea Gómez-Zavaglia** Biochemistry (University of Buenos Aires), PhD in Exact Sciences from the National University of La Plata. She has held postdoctoral activity at the universities of Buenos Aires (Argentina) and Coimbra (Portugal), and at Max Planck Institut für Pflanzenphysiologie (Golm, Germany).

Her scientific interests are focused on functional food ingredients, their production, stabilization and storage, paying special attention on their sustainability and on the molecular mechanisms explaining physical and chemical behaviors.

She is Principal Investigator at CONICET (Argentina), and Visiting Professor at the following universities: Autonomous of Madrid (since 2010), Vigo (2009), Paris Descartes (since 2016), Paris Diderot (since 2014), AgroParisTech (2019) (France), and Teramo (Italy, 2022), as well as Professor of the Permanent Body of the PhD in Biotechnology (University of Tucuman, since 2011). She is also collaborator Researcher at the Chemistry Center (CQC, since 2006) and the Research Center for Chemical Processes and Forest Products Engineering (CIEPQPF, since 2022), both dependent on the University of Coimbra (Portugal), and International Impact Researcher at the Universidad Nacional de San Agustín (Arequipa, Peru, since 2019).

She is Head of the Center for Research and Development in Food Cryotechnology (CIDCA, since 2016), dependent on CONICET-UNLP-CIC (Argentina) and member of the Advisory Board of CONICET-La Plata. At an international level, she is the Manager of Area 1 (Agro-Food) of the Ibero-American Program of Science and Technology (CYTED, since 2022) and member of the advisory committee of the International Society for Clinical Spectroscopy (CLIRSPEC, Oxford, since 2015). She is Associate Editor of different journals, including Food Chemistry X, Heliyon, and Current Opinion in Food Science (Elsevier), Frontiers in Microbiology, and Frontiers in Nutrition (Frontiers) and MDPI (Foods, Applied Microbiology).

She has been Principal Investigator in more than 50 R&D&i projects (both national and international), including funding from European Union projects (Horizon 2020; Horizon Europe). Andrea has published more than 160 peer reviewed papers (h-index 32), 25 book chapters and one book