



Background of Nominee for Executive Councillors Academy Executive Council for 2024-2026

Dr. Christina Silva

As an Associate Professor at Universidade Católica Portuguesa – College of Biotechnology (ESB), I lead the Laboratory of Food Engineering and Packaging at the CBQF research center.

My research, with a SCOPUS® h-index of 41, focuses on mathematical modeling and optimization of food processes, innovative technologies and applications, predictive microbiology, and more recently the application of AI to food distribution systems. I have significantly contributed to the field through editorial roles in prestigious journals like Scientific Reports – Nature and the Journal of Food Processing Engineering.

I founded the ISEKL_Food network, connecting institutions across Europe and beyond, and currently serve as the assistant director for Internationalization and Coordinator of 3rd cycle degrees and the Master on Food Engineering at ESB.

My involvement with the IUFoST education working group and recognition as a Fellow of the International Academy of Food Science and Technology (IAFoST) highlight my dedication to advancing food science education globally. My expertise and leadership extend to serving as an expert at the Accreditation Agency for Study Programs in Engineering, Informatics, Natural Sciences, and Mathematics.

Nominator: Stella M. Alzamora, ITAPROQ (CONICET-UBA), Argentina.

Recommendations: Recommendation Letter (Signed by Stella M. Alzamora); letters of support Keshavan Niranjan, Gustavo Barbosa-Canovas, Sam Saguy.

Keywords specific to nominee's accomplishments and contributions: Food Studies Higher Education, Food Engineering, Innovation and Sustainability of Food Systems, Responsible Food Chains, Fellow of IAFoST.

Dr. Cesarettin Alasalvar

Cesarettin Alasalvar (PhD, IAFoST, ISNFF, FIFT, FRSC) is a Senior Chief Researcher at TÜBITAK-Marmara Research Center (State Owned) and also a Professor of Food Science and Engineering. He has been active in the Institute of Food Technologists (IFT) for many years and has served as a past chair of its Nutraceuticals and Functional Foods Division. He has also served as a chair in the International Society for Nutraceuticals and Functional Foods (ISNFF).

He has been very active in Horizon 2020 and Horizon Europe Programmes as Turkish Delegate. Alasalvar was on the Scientific Advisory Board Member (2018-2020) of PRIMA (Partnership for Research and Innovation in

the Mediterranean Area - Horizon 2020) and is serving on the Academic Committee and World Forum for Nutrition Research and Dissemination Committee of International Nut and Dried Fruit Council (INC) since 2015. He is the principal founder of Food Innovation Platform of Türkiye (TÜGİP), a member of IUFoST. Alasalvar serves on the International Scientific Advisory Committee for IUFoST 2024 Congress.

He has received numerous awards from different societies, including IFT, ISNFF, and INC in recognition of his pioneering achievements and as a leader in food science and technology with emphasis on functional foods and nutraceuticals.

Nominator: Chi-Tang Ho, IAFoST Fellow, Emeritus Distinguished Professor, Rutgers University

Attachment of recommendation letter: Recommendation Letter (Signed by Chi Tang Ho).pdf

Keywords specific to nominee's accomplishments and contributions: Functional Foods, Bioactives, Leading Scholar in Turkey, Senior Editor of Food Chemistry, Well-Known Globally, Fellow of IAFoST

Dr. Da-Wen Sun

Dr. Sun, originates from Southern China, and he is a distinguished figure in food engineering research and education. His remarkable accomplishments in the field of food science and technology have earned him global recognition.

As a Member/Fellow of six esteemed academies, including the Royal Irish Academy, Academia Europaea, and the Polish Academy of Sciences, Professor Sun's influence on advancing the discipline is undeniable. His leadership roles in international organizations such as CIGR (International Commission of Agricultural and Biosystems Engineering) and iAABE (International Academy of Agricultural and Biosystems Engineering) exemplify his commitment to promoting collaboration and cooperation across borders.

Dr. Sun's extensive research contributions have significantly advanced understanding and innovation in various aspects of food engineering. Additionally, his dedication to educating the next generation of food scientists is evident through his mentorship of a large number of PhD students.

Nominator: Chin-Kun Wang, Chung Shan Medical University, Taiwan

Attachment of recommendation letter: Recommendation Letter (Signed by Chin-Kun Wang)

Keywords specific to nominee's accomplishments and contributions: Leadership in international organizations; International cooperation and collaboration; Advocacy for the field of food science and technology; Networking and relationship-

building; Strategic planning; Visionary leadership; Expert Authority; Innovative Trailblazer;

Transformative Mentorship.