TRAINING COURSE:

"CHALLENGES AND APPLICATIONS IN MICROALGAL BIOTECHNOLOGY"

Short Biography of Lecturers

Prof. Eugenia J. Olguín received her PhD in Biochemical Engineering from the University of Birmingham in the UK (1978). She has been working nearly 40 years in the development and evaluation of bioprocesses for the sustainable use of water, with emphasis in the fields of phycoremediation and phytoremediation. In the last 10 years, she has combined these two fields with the production of biofuels within a Biorefinery of third generation. She is a member of the Mexican Academy of Sciences and has been distinguished as member of the National Research System since 1989 (Level III). Prof. Olguín received the National Award *'María Lavalle Urbina'* in the area of Environment and Sustainable Development in 1999. She was awarded with *the "State Prize in Science and Technology"* in the field of Technology Development and Innovation in 2019. She is currently the President of the International Society of Environmental Biotechnology (ISEB). She is the founding President of the Latin American Society of Environmental Alga! Biotechnology (SOLABIAA) (2008-2011).

Dr. Giuseppe Torzillo, 37- years of research activity; h-index (Scholar) 41, Citations: 4340; 2016 -2018, Acting Director of Institute of Ecosystem Study of the National Research Council of Italy.

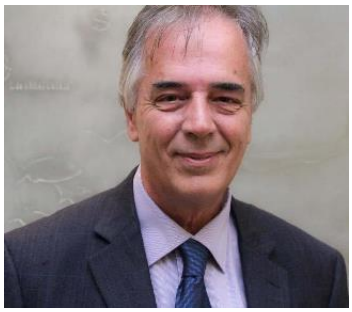
At the present he is associated researcher at the Institute of Bioeconomy (Florence) of the National Research Council of Italy. He is also associated at the *Centro de Investigación y Ciencias del mar y Limnología* (CIMAR), University of Costa Rica. His field of study is the physiology and biotechnology of microalgae and cyanobacteria.

He has published more than 120 papers, 76 in international peer review journals, 17 chapters dealing with photosynthetic microorganisms, and edited 1 book on the photobiological hydrogen production with microalgae. He has patented two photobioreactor designs for outdoor culture of microalgae, one process to tread olive mill wastewater, and a process to attain phycocyanin analytical grade.

TRAINING COURSE:

"CHALLENGES AND APPLICATIONS IN MICROALGAL BIOTECHNOLOGY"

Short Biography of Lecturers



Prof. Hugo Moreira Soares. Graduated in Chemical Engineering from UFRJ (1980), Master in Chemical Engineering from USP (1990), Doctor in Environmental Engineering - UMASS (1995). Currently, he is a professor at the Department of Chemical Engineering and Food Engineering at UFSC, Brazil. He has held several administrative positions at UFSC, such as: Department Head, Undergraduate Course Coordinator, Graduate Assistant Director and Graduate Director. He currently coordinates the Nucleus for Environmental Rescue (REMA) and is President of the Latin American Society for Environmental and Algal Biotechnology (SOLABIAA). He works in the area of Environmental Biotechnology, mainly in the following areas: treatment of industrial effluents, anaerobic digestion, nutrient removal (C, N and S), advanced oil recovery by microbial methods (MEOR) and fuel bio-cells. He has supervised 58 graduate students at the master's and doctoral levels and has 45 articles published in Journals.

Roberto De Philippis is Professor of Microbial Biotechnology at the University of Florence, Italy. He was Visiting Professor at the Wuhan University, China. He is Past President of the International Society for Applied Phycology (ISAP); Associate Editor of the Journal of Applied Phycology; member of the Board of Directors of the International Society for Environmental Biotechnology (ISEB); member of the Experts group of the Section on Environmental Biotechnology of the European Federation of Biotechnology. He is President of the Master Course on Biotechnology for environmental management and sustainable agriculture (BIO-EMSA) at the University of Florence.

His research activity is mainly concerned with the physiology and the possible biotechnological exploitation of phototrophic microorganisms, in particular for the production of biopolymers and bioenergy.

TRAINING COURSE:

"CHALLENGES AND APPLICATIONS IN MICROALGAL BIOTECHNOLOGY"

Short Biography of Lecturers

Dr. Germán Buitrón Méndez is a Chemical Engineer graduated from the Faculty of Chemistry of the UNAM, and has a Master's and a PhD in Water Treatment Engineering from the National Institute of Applied Sciences in Toulouse, France. He is currently Deputy Director of Foreign Academic Units and Head of the Juriquilla Academic Unit at the UNAM Institute of Engineering. At the Institute of Engineering, he is a Researcher C and professor of the Master and Doctorate Program in Environmental Engineering at UNAM. He is a National Researcher Level III of the National System of Researchers. He has more than 112 publications in indexed international journals (ISI-JCR) and around 450 publications in congress reports, refereed and dissemination journals, as well as project reports to sponsors. His works have been cited more than 1700 times. He is a reviewer for most of the journals in his area. He is a member of the Mexican Academy of Sciences, the Mexican Society of Biotechnology and Bioengineering and the International Water Association.

Prof. Guillermo Quijano is an Industrial Biochemical Engineer from the Universidad Autónoma Metropolitana (UAM), where he also studied a Master's Degree in Biotechnology. He obtained his PhD in Biotechnology at the Centre for Research and Advanced Studies of the Mexican National Polytechnic Institute (Cinvestav-IPN). From 2010 to 2014, Guillermo Quijano was a senior researcher at the École Nationale Supérieure de Chimie in Rennes (France) and a Juan de la Cierva Researcher at the University of Valladolid (Spain). From 2014 to 2016 he was Professor of the Department of Chemical Engineering and Environmental Technology at the University of Valladolid and has been a guest lecturer at the Ecole des Mines d'Alès (France). He is a member of the National System of Researchers Level II. He has published 55 articles in indexed journals with 1,429 citations, resulting in an h index of 23 (SCOPUS-Elsevier, September 2019). Guillermo is editor of the book "Advances and Applications of Partitioning Bioreactors" from the prestigious Elsevier Advances in Chemical Engineering Series.