

DAY 02 | Tuesday, August 23

Agroindustry

2022 Cooperation Forum on
Science, Technology and Innovation
BRAZIL & CHINA
INDUSTRIAL INNOVATION



Jéssica Carolina Medina Gallardo,

Researcher at the SENAI Innovation Institute for Biomass (ISI for Biomass)

Jessica Gallardo is Lead Researcher of Biotechnology and Bioprocess Engineering Platform at the SENAI Innovation Institute for Biomass (ISI for Biomass). She graduated in Biotechnological Engineering, Master and Doctor in Biotechnology by the Chemistry Institute of the São Paulo State University (UNESP). She has experience in Bioprocesses, developing and optimizing fermentation processes with different types of microorganisms. Experience in enzymatic and non-enzymatic hydrolysis/saccharification, in the scale-up and scale-down of biotechnological processes and in the integration of processes for the conversion of sugars into biofuels, renewable biochemicals and value-added products. She worked on the optimization and integration for 2nd generation ethanol production process at industrial and commercial scale at GranBio company.



Ou Sheng,

Associate Research Professor from Guangdong Academy of Agricultural Sciences

Dr. Ou Sheng is an associate research professor from IFTR-GDAAS. His research focuses on banana (*Musa*) genetic diversity, germplasm evaluation, and new varieties selection and breeding. He is responsible for managing National Banana germplasm collection and conservation. Also, his interests involve fruit functional components (carotenoids, resistant starch, etc.). He is/was the principle investigation of several projects and published more than 40 papers in international journals. And, Dr. Ou Sheng has editorial roles in 'Frontiers in Sustainable Food Systems' as Review Editor and in 'Diversity' as guest editor.



Marcelo Giovanetti Canteri,

CEO of Projects in CIA Agro (Center of Artificial Intelligence applied to Agriculture). Associated Professor in State University of Londrina.

CEO of Projects in CIA Agro (Center of Artificial Intelligence applied to Agriculture). Associated Professor at Department of Agronomy of UEL (State University of Londrina). PhD in Plant Pathology (ESALQ/USP - Brazil) with part of thesis developed at Leibniz Universität Hannover (German) and University of Florida (USA). Visiting Professor at Ohio State University (OSU) during 2013. Researcher of CNPq (National Research Council).



Gaoke Li,

Professor from Guangdong Academy of Agricultural Sciences

Li Gaoke, researcher, director of corn research department, doctor's degree, graduated from Sichuan Agricultural University, mainly engaged in genetics and breeding of fresh corn. Li has presided over more than 20 scientific research projects such as provincial key R&D program, provincial industry-university-research program, provincial industrial system breeding post, and academy team project. Meanwhile he is also a key member of the National Key R&D Program and Guangzhou Corn Comprehensive Experimental Station of National Corn Industry Technology System. He has been awarded three provincial science and Technology second prize, two Chinese Agricultural Science and Technology second prize, one DBN Science and Technology second prize, and one Chinese industry-university-research cooperative Innovation and Promotion second prize. Li has cultivated more than 30 varieties approved by the provincial level above, including more than 10 national certified varieties, with two authorized new varieties protection rights.