FAPESP

NWO

Meet-up

INTEGRATED BIOREFINERIES OF THE FUTURE

December 14th, 2023

SPEAKERS & COMPANIES

ChemistryNL

Kingdom of the Netherlands

Organization

Anapatrícia Morales Vilha, Innovation Advisor –Scientific Directorate

Ana Paula Yokosawa, Deputy Manager – Collaboration in Research

Angela Maria Gonçalves, Deputy Manager – Research for Innovation

Bruna Cersózimo Arenque Yokosawa, Coordinator for Special Programs

Glaucia Mendes Souza, Steering Committees for Special Programs

Patrícia Tedeschi, Manager – Research for Innovation

Tatiana Franco da Cunha, Program Manager - Collaboration in Research

São Paulo Research Foundation (FAPESP)

MARCO ANTONIO ZAGO *(President)*

Graduated from the University of São Paulo (USP) Medical School, where he obtained his doctoral degree, followed by postdoctoral training at Oxford University, UK. He was the President of USP, President of the National Council for Scientific and Technological Development (CNPq), and the Health Secretary of the State of Sao Paulo (2018). He is a member of the Brazilian Academy of Sciences, the Academy of Sciences of the State of S. Paulo and the World Academy of Sciences (TWAS). He was awarded the Grand-Cross Medal of the National Order of Scientific Merit by the President of Brazil, the São Paulo Medal of Scientific Merit, the Order of Naval Merit, and the Medal of the National Order of Military Merit from the Brazilian Defense Ministry. In 2015, he received the Octavio Frias de Oliveira Award from the Cancer Institute of the State of São Paulo, for his contribution to Oncology. He was the coordinator of a Cell Therapy Center, the Clinical Director of the Ribeirão Preto University Hospital and a member of the National Biosafety Commission (CTNBio). His main research interests are the hereditary anemias, human population genetics, the molecular bases of malignancies and adult stem cells, especially hematopoietic and mesenchymal stem cells.

SPEAKERS

Center for Research in Energy and Materials (CNPEM)

FLAVIO L. SOUZA

Lead Researcher and Coordinator of Green Hydrogen Program of Brazilian Center for Research in Energy and Materials (CNPEM), Associate Professor at Federal University of ABC and an accredited researcher by CNPq (The Brazilian Research Council). He received an Academic Excellence award (2017) from Federal University of ABC for his achievements in research and dedication to higher education.

SPEAKERS

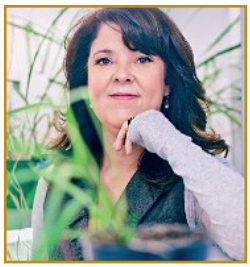
Federal University of ABC (UFABC)

DANILO CENTENO

PhD in Molecular Plant Physiology (Max Planck Institute, Germany), is an associate professor at the Federal University of ABC (São Paulo, Brazil). He has dedicated his research to the study of carbon metabolism, with a focus on investigating survival strategies of extremophilic organisms and their application to enhance the performance of model and cultivated plants under stress conditions for biomass improvement.

SPEAKERS

São Paulo Research Foundation (FAPESP)



GLAUCIA SOUZA *(Steering Committees for Special Programs - BIOEN Program)*

Started her career as a molecular biologist. Her PhD degree versed on the cellular decision to transition from growth to development. She did two postdoctoral trainings in molecular genetics in the US at the La Jolla Cancer Research Foundation and Baylor College of Medicine. Her lab focuses on sugarcane biotechnology and bioinformatics. She is currently developing a genomics platform for plant improvement to select future-climate resilient plants and working on a systems biology approach to identify metabolites that might be of interest for bio-based chemicals applications and yield improvement.

She works on bioenergy sustainability and participates in several international initiatives to disseminate knowledge and advise policy including the International Energy Agency, the Global Bioenergy Partnership (GBEP) and the Biofuture Platform. She is a Board member of the Scientific Committee on Problems of the Environment (SCOPE), the World Bioenergy Association (WBA) and the Brazilian Society of Bioenergy (SBE). At the International Energy Agency Bioenergy TCP she is the co-Leader of the Biofuels to Decarbonize Transport Task

SPEAKERS

São Paulo Research Foundation (FAPESP)

PAULO SCHOR *(Adjunct Panel - Research for Innovation)*

Adjunct Panel Bachelor in Medicine at the Faculdade de Medicina de Ribeirão Preto da Universidade de São Paulo (1989), Medical Residency in Ophthalmology at the same institution (1991). Masters and Doctorate in Science at Ophthalmology and Visual Sciences Department at Escola Paulista de Medicina (1995-1997). Free (2003) and Tenured (2008) Professorship at Universidade Federal de São Paulo (UNIFESP). Founder of the open-access innovation initiative MedHacker (2005) and early stage companies. Startups' mentor and key opinion leader (KOL) speaker for surgical and pharma eyecare corporations. Eye surgeon focused on anterior segment and surgical optics in the private practice (1991-present). Head of Ophthalmology and Visual Sciences Department (2014-2017), Research Coordinator at the Dean's office (2016-2018) and Director of the social and technological innovation agency (AGITS) at UNIFESP (2019-present).

SPEAKERS

São Paulo Research Foundation (FAPESP)

RUBENS MACIEL FILHO

Chemical Engineering, Nuclear Engineering, M.Sc. Chemical Engineering, Ph.D., Chemical Engineering, University of Leeds, UK-. Full Professor at Chemical Engineering School-Unicamp. The main research areas covers Process Development of Chemical, Biochemical and Electrochemical Processes: Process Modeling, Computer Aided Design, operation and control and off/on line optimization, with special focus in Green Process Development and Biorefinery, and Process Development for New Energies.

For further information access: lattes.cnpq.br/5436713663763286

SPEAKERS

University of São Paulo / Institute of Biomedical Sciences (ICB-USP)

LUIZIANA F. SILVA

Microbiologist at the Lab of Bioproducts, Institute of Biomedical Sciences (ICB), University of São Paulo (USP), since 2004, former researcher at the Biotechnology Group (1984-2004), Institute of Technological Research of São Paulo, Brazil, graduated as Biochemist at USP, achieving Microbiology MSc & PhD at ICB USP. Currently, she is VP at the Bioenergy Society and her lab integrates the Systems & Synthetic Biology Center S2B at INOVA USP.

PITCHES - COMPANIES

ATVOS

CARLOS CALMANOVICI

Chemical Engineer (São Paulo State University Polytechnic School), Master Degree (Federal University of São Carlos) and PhD (National Polytechnic Institute of Toulouse). Large experience in international companies, Rhodia/Solvay, Oxiteno, Braskem working in Business Development, Innovation and Technology areas. Since July 2010 at Atvos, a leading Bioenergy company, I am now heading Engineering & Quality areas.

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PITCHES - COMPANIES

BRASKEM

FELIPE CICARONI FERNANDES

Researcher at the Advanced Materials team, leading the biopolymer research program. Felipe holds a BSc in Chemistry, MSc in Physical-Chemistry from UNICAMP and PhD in Engineering with specialization in Sustainable Materials from the University of Warwick, UK. Felipe has more than 10 years of experience in R&D of materials from renewable sources, both in academic and industrial sectors, having authored papers and patents in the area and advised startups in biomaterials ecosystem.

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PITCHES - COMPANIES

COCAL

GIOVANI BOAVENTURA BACARIN

Graduated in Chemistry and Chemical Engineering, specialization in cellulose and paper, master's degree in Material Science and Technology from UNESP. New Business Consultant at Cocal working in biogas, biomethane and CO2 plants and responsible for R&D in partnership with universities and research institutions. Teaching experience at UNESP in the Energy Engineering course in 2018 and 2019.

PITCHES - COMPANIES

GRANBIO

ANGELA DREZZA

Working for 10 years as an Intellectual Property specialist at Granbio, a Brazilian company that focuses on the development of environmentally friendly technologies. She has been engaged in innovation and patent portfolio management, technology transfer and open innovation for 13 years. She holds a degree in Biology and a master's degree in Molecular Biology from the State University of Campinas (UNICAMP), as well as a PHD in Innovation and Development from the Brazilian National Institute of Industrial Property (INPI).

PITCHES - COMPANIES

OXITENO

PRISCILA CASTELANI

Director of Process and Technology Development at IVL - IOD Division, she has a Chemist degree by Universidade de São Paulo with a Ph.D. in Organic Synthesis by the same university. Part of her Ph.D. studies were done as a visiting scholar at the University of California, Santa Barbara. She has almost 20 years of experience in R&D in several companies such as Akzo Nobel, Shimadzu and Oxiteno, where she have been playing different roles in the last 15 years. She also has an MBA in Technology, Science and Innovation by FIA. In 2013 she was the chairman of the 10th International Symposium on Adjuvants for Agrochemicals (ISAA), and was the president of such organization until 2016. During her carreer, she wrote 2 books, 2 books chapters, has 5 granted patents and published more than 10 scientific papers.