

WORKSHOP ON PHYTOPHARMACEUTICAL TECHNOLOGY

An emerging, sustainable and innovative platform for herbal products development.

Place: Centro de Convenções de Ribeirão Preto: CCRP

Date: 06/11/2019 – 08:00h to 16:00 hs – *Room Agata*

Organizer and Chair: Prof. Dr. Wanderley Pereira Oliveira (LAPROFAR/USP)

PROGRAM

08:00 – 08:10h - Registration

08:10 – 08:20h - Welcome Greetings

08:30 – 10:30h – Session I – Traditional aspects and Technology

08:30-09:10 h - Traditional use of medicinal plants and herbal drug development
([Prof.a. Dra Maria das Graças Lins Brandão – CEPLAT/UFMG](#))

9:10-9:50 h - Extraction, Isolation, and Identification of phytopharmaceuticals
([Prof. Dr. João Carlos Palazzo de Mello – Pallafito/UEM](#))

9:50 – 10:30 h – Standardization and encapsulation of phytopharmaceuticals by drying technology ([Prof. Dr. Wanderley Pereira Oliveira – LAPROFAR/USP](#))

10:30 – 11:00 h – Coffee Break

11:00 – 11:40 h – Nanotechnology and natural products: opportunities and challenges
([Dr. Daniel Callejon – YOUSEN Nanotechnology](#))

11:40 – 12:20 h - Phytopharmacovigilance ([Prof. Dr. Ricardo Tabach – CEBRID/UNIFESP, UNISA](#))

12:30 -14:00 h – Lunch

14:00 – 16:00 h – Session II – Industrial use of herbal products

14:00-14:40 h-Essential oils and herbal compounds in the agroindustry
([Prof. Dr. Antonio Eduardo Miller Crotti – FFCLRP/USP](#))

14:40-15:20 h – Plant-based pharma and cosmetic products
([Prof.Dra. Patrícia Maria Berardo Maia Campos – NEATEC/USP](#))

15:20-16:00 h – Phytopharmaceutical Entrepreneurship and Opportunities
([Dra Thais Guarantini - Lychnoflora](#))

16:00-16:10 h – Closing Remarks

SPEAKERS

Maria das Graças Lins Brandão, Professor – CEPLANT/UFMG



Maria das Graças Lins Brandão is retired Professor at Pharmacy Faculty and actual Coordinator of the Specialized Center of Aromatic, Medicinal and Toxic plants (CEPLAMT), both from Federal University of Minas Gerais (UFMG). Professor Maria GL Brandão is an expert on natural history of medicinal plants used in folk medicine, having many papers published in referred journals. She also works with science dissemination in medicinal plants area.

mglinsbrandao@gmail.com

[Curriculum](#)

João Carlos Palazzo de Mello, Professor – Pallafito/UEM



Professor at State University of Maringá – UEM and Coordinator of the Laboratory of Pharmaceutical Biology - PALAFITO since 1986. He received his PhD at University of Münster, Germany, working with Tannins from the Brazilian Biodiversity. Professor Mello specializes in the development of analytical methods applied to Brazilian herbal extractives, tannin phytochemistry, and with different types of biological assays always together with other researchers. Currently, Prof. Mello has been involved in projects covering the state of art, aiming to improve the phytopharmaceuticals.

mello@uem.br

[Curriculum](#)

Wanderley Pereira Oliveira, Associated Professor – LAPROFAR/USP



Associated Professor III at University of São Paulo – USP and Coordinator of the Laboratory of Pharmaceutical Processes - LAPROFAR/USP, since 1996. He received his PhD at University Federal of São Carlos – UFSCar, working with Spouted Bed Drying of Pastelike Materials (1996). Professor Oliveira is an expert on development of pharmaceutical and phytopharmaceutical processes, including drying, encapsulation and agglomeration of herbal extracts, phytochemicals, and enzymes. Currently, Prof. Oliveira has been involved in projects covering the micro/nanoencapsulation of active phytopharmaceutical ingredients, aiming to improve its bioavailability and activity.

wpoliv@fcfrp.usp.br

[Curriculum](#)

Daniel Roberto Callejon, PhD – Co-founder of YOSEN Nanotechnology

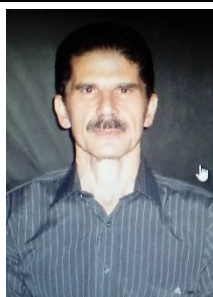


Daniel Roberto Callejon is Co-Founder and Chief of Scientific Officer of YOSEN Nanotechnology since 2017. He received his PhD at University of São Paulo working with Pharmaceutical Science and carried out Post-Doc research at Department of Pharmacology. He was co-founder of Lychnoflora Company, where performed innovation projects to develop new medicines based in Natural Products. Currently, he has been involved in projects covering the development of innovative products using nanotechnology and project of technology transfer between University and Industry.

daniel.callejon@lipid.com.br

[Curriculum](#)

Ricardo Tabach, Prof. Dr. – CEBRID/UNIFESP and UNISA



Ricardo Tabach holds a licensed's and Bachelor's degree from UNICAMP. He received his Master and PhD degrees at Federal University of São Paulo (UNIFESP) working with Pharmacology and Psychobiology, respectively. Currently is scientific researcher of the Brazilian Center for Psychotropic Drug Information (CEBRID), member and secretary of the Center for Integrative Medicine and Practices of UNIFESP (NUMEPI), and Prof. Dr. of University of Santo Amaro (UNISA). He is an expert on pharmacology, with emphasis on Neuropsychopharmacology, acting on the following subjects: Psychopharmacology, Psychoactive Medicinal Plants, Pharmacovigilance of Medicinal Plants, Ethanol and Chemical Dependence.

rtabach@gmail.com

[Curriculum](#)

Antonio Eduardo Miller Crotti, Prof. Dr. – FFCLRP/USP



Ph.D. Professor at the Department of Chemistry – FFCLRP, University of São Paulo – USP, since 2013. He received his Ph.D. at the University of São Paulo – USP, working with gas-phase fragmentation reactions of organic micromolecules (2005), and carried out Post-Doc research at the Department of Chemistry of the University of Victoria, BC (2018-2019), working with Prof. J. Scott McIndoe. Prof. Miller is an expert on mass spectrometry and its application in dereplication of natural products and organic reaction mechanisms. He has been involved in projects covering the identification and biological activities of natural and synthetic compounds.

millercrotti@ffclrp.usp.br

[Curriculum](#)

Patrícia Maria Berardo Maia Campos, Professor - NEATEC/USP



Professor at the Faculty of Pharmaceutical Sciences of Ribeirão Preto/ USP, since 2018. Received Ph.D at the USP, working with Cosmetic Technology, and Post-doc at the University of Strathclyde – Glasgow. She is Coordinator of the Center for Advanced Studies in Cosmetic Technology (NEATEC); has acted as a visiting researcher at Nikkol - Japan, the University of Paris-Sud, Evic France, Chanel Research and Technology Center - Paris and Le Havre University - France. She has published several papers in indexed journals, 2 books, 8 book chapters, and filled 8 patents (2 granted). She supervised 26 Masters, 14 doctorates, 90 scientific initiation students and post-docs. She has been Coordinating several research projects from Brazilian funding agencies; has signed several agreements with national and international universities and research institutes; and has acted as a scientific consultant of the public sector (CATEC/ANVISA), and of the renowned cosmetic companies. He is also a member of the Scientific Technology Council of ABIHPEC / ITEHPEC.

pmcampos@usp.br

[Curriculum](#)

Thais Guaratini, PhD - Business Director of LYCHNOFLORA



Graduated from FCFRP-USP, with master's degree in Pharmaceuticals and Medicines at the same institution, PhD in Biochemistry from IQ-USP and post-doctorate at FCFRP-USP. She participated in scientific exchange programs at the universities of Harpenden and Bristol (England), Düsseldorf and Münster (Germany), and has over 30 articles in the field of Pharmaceutical Sciences. She has experience in University-Company interaction projects and is currently Business Director of Lychnoflora, which works in collaboration with the pharmaceutical industries for research and development hosting solutions.

thais@lychnoflora.com.br

[Curriculum](#)
