

IV ABCF Congress – “*Biological Drugs: From Technology to Pharmaceutical Care*”

São Paulo 6th - 8th September 2018

Program

FIRST DAY

06/09/2018 (Thursday) from 8:00 a.m. to 9:30 a.m.

Auditorium 1

Course

Revisões sistemáticas de estudos pré-clínicos

Professora: Luciane Lopes (UNISO)

06/09/2018 (Thursday) from 8:00 a.m. to 9:30 a.m.

Auditorium 2

Course

Espectrometria de massas: uma importante ferramenta na determinação de compostos bioativos

Professor: Prof. Luiz Alberto Beraldo de Moraes (USP/RP)

06/09/2018 (Thursday) from 8:00 a.m. to 9:30 a.m.

Auditorium 3

Course

C-CRISPR: uma nova ferramenta de edição de genoma

Professora: Marilene Hohmuth Lopes (USP)

06/09/2018 (Thursday) from 9:30 a.m. to 10:00 a.m.

Auditorium 1

Opening Plenary

Honor Prof. João Luis Callegari Lopes

06/09/2018 (Thursday) from 10:00 a.m. to 11:00 a.m.

Auditorium 1

Opening Lecture

Perspectives for global chemical analysis of biology systems by mass spectrometry

Speaker: Norberto Peporine (USP/RP)

06/09/2018 (Thursday) from 11:00 a.m. to 13:00 p.m.

Lunch/Companies presentation/**Poster Session 1**

06/09/2018 (Thursday) from 13:00 a.m. to 15:00 p.m.

Auditorium 1

Symposium 01

Biological Drugs and Medicinal Chemistry: integrated technologies

Chair: Fávero Paula (UNIPAMPA)

Computacional engineering of synthetic immunoreactive proteins

Speaker: Roberto Dias Lins Neto (FIOCRUZ-CE)

Drug design, biotechnology and medicinal chemistry: applications in infectious diseases

Speaker: Rafael Victorio Carvalho Guido (UFSC – SP)

2 Oral Communications

06/09/2018 (Thursday) from 13:00 a.m. to 15:00 p.m.

Auditorium 2

Symposium 02

Quality assurance of biological and biodrugs

Chair: Silvia Berlanga de Moraes Barros (USP)

Quality assurance of biologicals: the experience of Butantan Institute

Speaker: Patricia dos Santos Carneiro (Instituto Butantan)

Biological Products analysis in INCQS/Brazil: Physicochemical approach

Speaker: Felipe Soares Quirino da Silva (INCQS)

USP standards that support the development and characterization of biologics

Speaker: Fouad Atouf (USA Pharmacopeia)

06/09/2018 (Thursday) from 13:00 a.m. to 15:00 p.m.

Auditorium 3

Symposium 03

Advances in skin science: from disease to therapeutics

Chair: Luciana Lopes

Role of H₂S

Speaker: Soraia Costa (USP)

siRNA delivery

Speaker: Maria Vitória Lopes Bradra Bentley (USP/RP)

Skin microbiome

Speaker: Alexander V. Alekseyenko (Medical University of South Carolina, USA)

06/09/2018 (Thursday) from 15:00 a.m. to 15:30 p.m.

Coffee-Break

06/09/2018 (Thursday) from 15:30 a.m. to 17:30 p.m.

Auditorium 1

Symposium 04

Using pharmacometrics for optimizing drugs usage

Chair: Francine Azeredo (UFBA)

Drug transporters and pharmacometrics: from drug development to dose optimization

Speaker: Natalia Valadares de Moraes (UNESP-Araraquara)

Prediction of human drug effects

Speaker: Elizabeth De Lange (Leiden University, Netherlands)

2 Oral Communications

06/09/2018 (Thursday) from 15:30 a.m. to 17:30 p.m.

Auditorium 2

Symposium 05

Políticas para pesquisa e desenvolvimento na área de Fármacos

Chair (s): Maria José Giannini (UNESP-Araraquara) and Teresa Dalla Costa (UFRGS)

Speakers: TBA

06/09/2018 (Thursday) from 15:30 a.m. to 17:30 p.m.

Auditorium 3

Symposium 06

Hot topics in clinical laboratory sciences

Chair: Ana Campa (USP)

New assays and directions in diagnostic mass spectrometry

Speaker: Nigel Clarke (Quest Diagnostics Inc., USA)

Microbiome and health modulation

Speaker: Carla Taddei de Castro Neves (USP/RP)

Metabolic biomarkers in the identification and therapeutic response in HIV and oncology

Speaker: Ismael Cotrim Guerreiro da Silva (UNIFESP)

SECOND DAY

07/09/2018 (Friday) from 8:00 a.m. to 9:30 a.m.

Auditorium 1

Course

Revisões sistemáticas de estudos pré-clínicos

Professora: Luciane Lopes (UNISO)

07/09/2018 (Friday) from 8:00 a.m. to 9:30 a.m.

Auditorium 2

Course

Espectrometria de massas: uma importante ferramenta na determinação de compostos bioativos

Professor: Prof. Luiz Alberto Beraldo de Moraes (USP/RP)

07/09/2018 (Friday) from 8:00 a.m. to 9:30 a.m.

Auditorium 3

Course

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07/09/2018 (Friday) from 9:30 a.m. to 10:00 a.m.

Coffee-Break

07/09/2018 (Friday) from 10:00 a.m. to 11:00 a.m.

Auditorium 1

Conference

Production of L-asparaginase, an antileukemic biopharmaceutical by microbial process

Speaker: Adalberto Pessoa Jr (USP)

07/09/2018 (Friday) from 11:00 a.m. to 13:00 p.m.

Lunch/Companies presentation/Poster Session 2

07/09/2018 (Friday) from 13:00 a.m. to 15:00 p.m.

Auditorium 1

Symposium 07

Biodrugs age: trends and problems

Chair: Gisele Monteiro (USP)

Monoclonal antibodies for cancer treatment and diagnostics

Speaker: Ana Maria Moro (Instituto Butantan)

Enzymes as biodrugs

Speaker: Aparecida Maria Fontes (USP/RP)

The pursuit of molecular pathways to prevent breast cancer

Speaker: Camila Oresco dos Santos (Spring Harbor Laboratory, USA)

07/09/2018 (Friday) from 13:00 a.m. to 15:00 p.m.

Auditorium 2

Symposium 08

New sampling strategies in analytical toxicology

Chair: José Luiz da Costa (UNICAMP)

Alternative sampling strategies in clinical and forensic toxicology

Speaker: Christophe Stove (Ghent University, Belgium)

Dried blood spot in therapeutic drug monitoring

Speaker: Rafael Linden (Universidade Feevale)

Systematic evaluation of the use of dried blood spot for determination of chemical elements, and application to biomonitoring studies

Speaker: Fernando Barbosa Júnior (USP/RP)

07/09/2018 (Friday) from 13:00 a.m. to 15:00 p.m.

Auditorium 3

Symposium 09

Novel strategies for diagnostic and treatment of cancer

Chair: Luciana Lopes (USP)

Nanotheranostics

Speaker: Twan Lammers (University of Twente, Netherlands)

Liquid biopsy

Speaker: Ana Maria Camargo (HSL, SP)

Cancer models

Speaker: Monika Schaeffer (Karlsruhe Institute of Technology, Germany)

07/09/2018 (Friday) from 15:00 a.m. to 15:30 p.m.

Coffee-break

07/09/2018 (Friday) from 15:30 a.m. to 17:30 p.m.

Auditorium 1

Symposium 10

Stability in dried media: Important concerns for pharmaceutical nanotechnology

Chair: Eryvaldo Socrates Tabosa do Egito (UFRN)

Hot topics on stability of nanotechnological devices: predicting stability

Speaker: Lee Kirsch (University of Iowa, USA)

Stability concerns for nanotechnological ophthalmic carriers

Speaker: Anselmo Gomes de Oliveira (UNESP – Araraquara)

Degradation pathways for amphotericin B

Speaker: Eryvaldo Socrates Tabosa do Egito (UFRN)

Stability studies for nanocarriers: from the bench to the marketing

Speaker: Fabiola Leite da Silva Gonçalo (Aché, Brazil)

07/09/2018 (Friday) from 15:30 a.m. to 17:30 p.m.

Auditorium 2

Symposium 11

Partnership between university and pharmaceutical companies

Chair (s): Silvyia Stucchi Maria-Engler (USP)

TBA

Speaker: Paulo Arruda (FAPESP)

TBA

Speaker: Humberto Gomes Ferraz (USP)

07/09/2018 (Friday) from 15:30 a.m. to 17:30 p.m.

Auditorium 3

ABCF Young Investigator Award – Oral Presentations

07/09/2018 (Friday) from 17:30 a.m. to 19:00 p.m.

Auditorium 1

ABCF Assembly

THIRD DAY

08/09/2018 (Saturday) from 8:00 a.m. to 9:30 a.m.

Auditorium 1

Course

Revisões sistemáticas de estudos pré-clínicos

Professora: Luciane Lopes (UNISO)

08/09/2018 (Saturday) from 8:00 a.m. to 9:30 a.m.

Auditorium 2

Course

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Professor: Prof. Luiz Alberto Beraldo de Moraes (USP/RP)

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Auditorium 3

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08/09/2018 (Saturday) from 9:30 a.m. to 10:00 a.m.

Auditorium 1

Coffee-Break

08/09/2018 (Saturday) from 10:00 a.m. to 11:00 a.m.

Auditorium 1

Conference

The Therapeutic Potential of Monocyte/Macrophage Manipulation in the Treatment of Chemotherapy-Induced Painful Neuropathy

Speaker: Marzia Malcangio (Kings College of Neuroscience, USA)

08/09/2018 (Saturday) from 11:00 a.m. to 13:00 p.m.

Lunch/poster session/**Graduate Coordinators Forum Meeting**

08/09/2018 (Saturday) from 13:00 a.m. to 15:00 p.m.

Auditorium 1

Symposium 12

Biotechnology

Chair(s): Alexandre Macedo (UFRGS)

Metal-based drug as promising antimicrobial agents

Speaker: André Luis Souza dos Santos (UFRJ)

Technological reconversion of a biotechnological medicament for chronic wounds to a mixture of molecules and enzymes to facilitate international patenting and regulatory registrations process

Speaker: Alberto Nicolas Ramos Vernieri (Univerdad Nacional de Tucumán, Argentina)

2 Oral Communications

08/09/2018 (Saturday) from 13:00 a.m. to 15:00 p.m.

Auditorium 2

Symposium 13

Spotlight in Clinical Pharmacy and Pharmaceutical Care

Chairs: Marta Maria de França Fonteles (UFC) and Leonardo Pereira (USP/RP)

Pediatric Medicines Research: trends and Challenges

Speaker: Elisangela da Costa Lima (UFRJ)

Research Impact of Pharmaceutical Care Services on Clinical, Economic and Humanistic Outcomes

Speaker: Timothy Chen (University of Sydney, Australia)

Pharmaceutical Care in Brazil

Speaker: Leonardo Pereira (USP/RP)

08/09/2018 (Saturday) from 13:00 a.m. to 15:00 p.m.

Auditorium 3

Symposium 14

From Lab Bench to bedside: infectious and cardiovascular diseases

Chair: Sandra Farsky (USP)

Annexin A1 on infectious diseases

Speaker: Mauro Perretti (Barts and The London School of Medicine, England)

Annexin A5 on cardiovascular diseases

Speaker: Chris Reutelingsperger (Maastricht University, Holland)

LDE on cardiovascular diseases

Speaker: Raul Maranhão (USP)

08/09/2018 (Saturday) from 15:00 a.m. to 15:30 p.m.

Coffee-break

08/09/2018 (Saturday) from 15:30 a.m. to 17:30 p.m.

Auditorium 1

Symposium 15

Biomaterials & nanomedicine

Chair: Vanessa Mosqueira (UFOP)

Functionalization of biodegradable and biocompatible polymers for drug delivery, targeting nanotheranostics and diagnosis

Speaker: Gwenaelle Poun-Lana (UFOP)

Functional nanobiomaterials for modulation the interaction with mucosal barriers

Speaker: José Alberto Gonçalves das Neves (Universidade do Porto, Portugal)

2 Oral Communications

08/09/2018 (Saturday) from 15:30 a.m. to 17:30 p.m.

Auditorium 2

Symposium 16

Pharmaceutical education: present and future

Chair (s): Dulcinéia Saes Parra Abdalla

Pós-graduação na área da farmácia: visão de futuro

Speaker: TBA

Futuro do profissional das ciências farmacêuticas

Speaker: Walter da Silva Jorge (CFF)

Educação continuada no futuro do profissional farmacêutico

Speaker: Silvana Nair Leite (UFSC)

O desafio da valorização da formação tecnológica no âmbito da educação farmacêutica

Speaker: Silvia S. Guterres (UFRGS)

08/09/2018 (Saturday) from 15:30 a.m. to 17:30 p.m.

Auditorium 3

Symposium 17

Innovative techniques to drug discovery from natural products

Chair: Denise Brentan da Silva (UFMS)

Tools for the discovery of marine bioactive products

Speaker: Leticia Lotufo (USP)

Bioprospection and analyses of natural products as method to accelerate the phytochemical studies

Speaker: Alberto Cavalheiro (UNESP – Araraquara)

Identifying and controlling plant pharmaceuticals

Speaker: Ric C.H. de Vos (Netherlands Metabolomics Centre, Netherlands)

08/09/2018 (Saturday) from 17:30 a.m. to 19:00 p.m.

Auditorium 1

Honorable Mention for the Best posters and ABCF Young Investigator Award/Meeting Closure