

INTERNATIONAL SYMPOSIUM ON PHARMACOLOGY AND MEDICINAL CHEMISTRY

December 2-3, 2019

Monday December 2nd, 2019

9:00 h	Opening Ceremony
10:00 – 12:00 h	Thematic Section: Highlights in Molecular Pharmacology Chair – Dr. Marco Aurelio Martins Instituto Osvaldo Cruz, Fiocruz, RJ, Brasil
10:00 – 11:10h	Lecture 1 – “Translating basic signaling research to immune-oncology and acute lung injury therapy” Speaker: Dr. Dianqing (Dan) Wu Department of Pharmacology Yale University School of Medicine
11:10 – 12:20h	Lecture 2 – “The critical role of mode of action studies in phenotypic drug discovery” Speaker: Dr. Alan Fairlamb School of Life Sciences, University of Dundee, Scotland, UK
12:20 -14:00h	Brunch and Poster Session
14:00 – 16:20h	Thematic Section: Highlights in Medicinal Chemistry Chair – Dr. Lídia M. Lima LASSBio, ICB, UFRJ, RJ, Brasil
14:00 – 15:10h	Lecture 1 – Drug Design Targeting the IL-6/STAT3 Signaling Pathway Speaker: Dr. Chenglong Li College of Pharmacy University of Florida
15:10-16:20h	Lecture 2- Discovery and Optimization of Inhibitors of Taspase1 Speaker: Jeffrey Neitz Department of Pharmaceutical Chemistry University of California, San Francisco
16:20-18:20h	Round table: Prospect and Future for the Brazilian National Graduate Program Chair – Dr. Eliezer J. Barreiro ICB, UFRJ, RJ, Brasil

Professor. José Luis Lopes da Silveira
(Superintendente Acadêmico de Pós-Graduação da UFRJ)
Professora Débora Foguel (Vice-Coordenadora da área de Ciências Biológicas II)
Professor Jerson Lima (UFRJ, Presidente da FAPERJ)
Professora. Silvia S. Guterres (Coordenadora da Área da Farmácia)

Tuesday December 3rd, 2019

9:00 – 12:00 h

Oral presentations

Chair – Dr. Claudia Lucia Martins Silva & Dr. Patrícia Dias Fernandes
ICB, UFRJ, RJ, Brasil

1. Patricia Felix Rolo Gonçalves. Title: "Long and Short-Term Effects of WIN55,212-2 and Nicotine Exposure During Adolescence in mice"
2. Fernanda Bezerra Monte. Title: "Antinociceptive efficacy of the interaction of a new $\alpha\beta 2$ receptor agonist with a central anticholinesterase"
3. Harold Hilarion Fokoue. Title: "Synthesis and docking studies of new quinoxaline urea EGFR inhibitors"
4. Manoel Oliveira de Moraes Junior. Title: "Cytotoxic comparative effect between new prototype candidates and reference EGFR inhibitors on human non-small lung cancer"
5. Fernanda Verdini Guimarães. Title: "Quercetin accelerates resolution of lung pathological changes caused by silica particles in mice".
6. Grazielle Fernandes da Silva. Title: "A novel p38-alpha MAPK inhibitor (LASSBio-1824) reverses Sugem/Hypoxia-induced pulmonary arterial hypertension in rats Student"
7. Rodolfo do Couto Maia. Title: "The LASSBio Chemical Library: An N-acylhydrazone-focused Smart Library"
8. Lucas Silva Franco. Title: " Docking-Based Virtual Screening of LASSBio

- Chemical Library to Identify Lysine-Specific Demethylase 1 (LSD1) Hits.
9. Rômulo Santiago de Lima Garcia.
Title: " Synthesis of benzenesulfonamide derivatives in aqueous media and in vitro evaluation of their in vitro activity on paraoxon-inhibited acetylcholinesterase reactivation"

12:00 -14:00h

Brunch and Poster Session

14:00 – 17:00

Best Thesis Award & Celebration of the 45 years of PPGFQM

14:00 – 15:00h

Sérgio H. Ferreira' Conference

Chair – Dr. Patrícia M. R. S. Martins
Instituto Osvaldo Cruz, Fiocruz, RJ, Brasil

Title: "A gas from the past: safer, more effective anti-inflammatory drugs"

Speaker: Dr. John L. Wallace

Antibe Therapeutics

15:00-15:40h

PPGFQM Best Thesis Diploma Award

Chair – Lídia Moreira Lima

ICB, UFRJ

Speaker: Dr Eduardo Reina

Title: "Design, Synthesis and Pharmacological Evaluation of New Dipeptidyl Peptidase-4 (DPP-4) Inhibitors"

15:40-17:00h

Video and closing Session

17:00-19:00h

Cocktail party