



International conference on
Chemical Biology and Drug Discovery

June 20th-21st, 2019 | Singapore

TENTATIVE AGENDA



PROGRAM CHAIR

Dr. Parathasarathi Das
IIT – ISM, Dhanbad, India
PROGRAM COMMITTEE

Dr. Massoud Kaykhali
University of Sistan and Baluchestan, Iran

Dr. Jung-Hsin Lin
CEO for TCMBA, Taiwan

Overview

Chemical Biology 2019 will showcase the best in world research tackling the search for new medicinal compounds, the molecular basis of disease and treatments and the extraordinary chemistry of biological systems. We are excited to present our 2019 program which will be both inclusive and diverse and bring together international researchers that are transforming and advancing drug delivery and Chemical Biology. We look forward to welcoming you to the beautiful city of Singapore. The conference will be held at the Holiday Inn Atrium, Singapore's most sophisticated boutique venue with spectacular city views.

| Key Topics

- Computational Chemistry and Chemical Biology
- Drug Discovery and Development
- Drug Design: Novel Approaches
- Protein and Cellular Engineering and Statistical Mechanics
- Advanced Organic Chemistry and Inorganic Chemistry
- Drug Formulation / Pharmaceutical formulation

| Objectives

- Update the participants on the current knowledge on In-Silico chemo informatics and Chemical genomics
- Deal with CADD, Chemical genomics and Structure based drug design
- Exchange experiences and discuss hot topics with experts
- Frame the current issues and create dialogue

| Who Should Attend

- Professionals working in Academia & Industry field
- Health care professionals
- Chemistry Associations and Societies
- Business Entrepreneurs
- Decision makers



Venue : Holiday inn Atrium

<https://www.larixconferences.com/chemicalbiology>

Chemical Biology 2019



TENTATIVE AGENDA

DAY ONE | THURSDAY, 20 JUNE

08:00 REGISTRATIONS AND WELCOME COFFEE

09:00 WELCOME REMARKS

09:30 OPENING KEYNOTE

Discovery of Eliquis®/Apixaban, a Novel Factor Xa, Anticoagulant and Chan-Lam Coupling Reaction

Prof. Patrick Y. S. Lam, Baruch S. Blumberg Institute, United States

Proteome-wide docking-based identification of biomolecular targets of small chemical compounds

Dr. Jung-Hsin Lin, CEO for TCMBA, Taiwan

Chloroform as carbon monoxide source in Palladium-catalyzed synthesis of 2-amidoimidazo[1,2-a] pyridines

Prof. Parathasarathi Das, IIT – ISM, Dhanbad, India

11:15 Coffee Break

11:30 **SESSION 1**

Session Chair: **Parathasarathi Das**, IIT – ISM, Dhanbad, India

Overcoming the Blood-Brain Barrier (BBB) with peptide-conjugates

Marco Cavaco, Instituto de Medicina Molecular, Portugal.

Synthesis and In-vitro Evaluation of Novel Quinoxolines as Potent EGFR Inhibitor

Vinaya Kambappa, Government First Grade College, Kuvempu University, India.

Chemical composition and oral toxicity assessment of Anisophyllea boehmii kernel oil: Potential source of new edible oil with high tocopherol content

Jacques Nkengurutse, University of Burundi, Burundi.

1:30 Lunch Break

2:30 **SESSION 2**

Session Chair: **Dr. Toyonobu Usukii**, Sophia University, Japan.

Development of Lignocellulosic Biomass Derived Nanomaterials for Applications in Nanomedicine

Jayeeta Bhaumik, CIAB, Mohali, India



Sustainable synthesis of lignin-metallic/bimetallic nano-complexes and their application as nano-antimicrobial agents

Sanjam Chandna, CIAB, Mohali, India.

Identification of novel targets and their associated pathways for Rheumatoid Arthritis Using next generation sequence data analysis

Sachidanand Singh, Department of Biosciences and Technology, India

Heterotrimeric complex of p38 MAPK, PKC δ , and TIRAP is re-quired for AP1 mediated inflammatory response

Baig M S, Centre for Biosciences and Biomedical Engineering (BSBE), India.

Drug repositioning as an effective therapy for Protease-Activated Receptor-2 inhibition

Saqib U, Discipline of Chemistry, School of Basic Sciences), India.

5:30 Tea Break and Day One closes & Networking Reception

Day 2 Only few slots are available at chemical biology 2019

Special Thanks to

Prof. Patrick Lam, PhD, Blumberg Institute, USA

Dr. Toyonobu Usukii, Sophia University, Japan.

Dr. Parathasarathi Das, IIT – ISM, Dhanbad, India

Access Presentations

As a benefit of your registration, presentations are made available on the Larix chemical Biology website.

No paper copies of the presentations will be provided.

NOTE: If a presentation is not available, the speaker either did not agree to publish it or did not provide us with their presentation. Updated versions of the slides will be made available shortly after the conference.

Certificate of Attendance

Please note certification requires full attendance to the conference. For more information please liaise with our chemicalbiology Contact Centre on chemicalbiology@larixconferences.com or call + 65 31 59 21 12.

Disclosure Policy

Unless otherwise disclosed, Larix acknowledges that the statements made by speakers are their own opinion and not necessarily that of the organization they represent, or that of the Laix. Speakers and agenda are subject to change without notice. Recording during sessions is strictly prohibited without prior written consent from Larix International.

For any queries and further information contact
info@larixconferences.com