

### Patron

Prof. Bhaskar Ramamurthy  
*Director, IIT Madras*

### Chairperson

Prof. K. Mangala Sunder  
*Head, Chemistry Department, IIT Madras*

### Conveners

Dr. Beeraiah Baire  
Dr. P. Venkatakrishnan

### Treasurer

Dr. Kartik Chandramondal

### Scientific Advisory Committee

Dr. Ram Vishwakarma  
*Director, IIIM, Jammu*  
Dr. Robert Sheppard  
*AstraZeneca Gothenburg, Sweden*  
Dr. K. Nagarajan  
*M/s Hikal Ltd., Corporate R&D Advisor, Mumbai*  
Prof. K. K. Balasubramanian  
*INSA Scientist, IIT Madras*  
Prof. D. Karunakaran  
*Dept. of Biotechnology, IIT Madras*  
Prof. Satyanarayana Gummadi  
*Dept. of Biotechnology, IIT Madras*  
Prof. S. Sankararaman  
*Dept. of Chemistry, IIT Madras*  
Prof. Indrapal Singh Aidhen  
*Dept. of Chemistry, IIT Madras*  
Prof. K. M. Muraleedharan  
*Dept. of Chemistry, IIT Madras*

### Organizing Committee

Prof. G. Sekar  
Prof. K. M. Muraleedharan  
Dr. Ramesh Gardas  
Dr. Kothandaraman Ramanujam  
Dr. M. Jeganmohan  
Dr. Md. Mahiuddin Baidya  
Dr. Arnab Rit

### About the venue

Indian Institute of Technology Madras is a premier institute known worldwide for its excellence in teaching and research. The campus is located in the midst of the bustling metropolitan city of Chennai (formerly known as Madras). The campus itself is part of a forest area with plenty of green cover, a natural sanctuary and a deer park.

### About Chennai city

Chennai city is the centre of education and culture of south India. The city created great Indian Scientists Sri Srinivasa



Chennai Marina Beach

Ramanujan (Analytical Theory of Numbers and Series), Prof. C. V. Raman (Raman Effect and Spectroscopy), Prof. Subramanian Chandrasekar (Nobel Laureate in Physics 1983) and Prof. G. N. Ramachandran (Triple helical structure of collagen).

The city is an important centre that promotes classical music, theatre and dance forms. The annual music and dance festival held in December-January draws international audience. Mamallapuram (also known as Mahabalipuram) and Kancheepuram are situated within 60 km from the city and are well known for



Mahabalipuram

ancient temples and sculptures. The city has the pride of a long coastal line, the Marina beach, one of the longest sandy beaches in the world.

# MEDCHEM-2019

Conference on

## Natural Product Prospecting for Therapeutic Applications

November 1-2, 2019



Department of Chemistry  
Indian Institute of Technology Madras  
Chennai 600036, India

## About MEDCHEM-2019

This is the sixth (6th) Medicinal Chemistry Conference in the series, organized and conducted by the Department of Chemistry, IIT-Madras, as a part of our activities related to IITM-AstraZeneca Endowment Program for Promoting Education and Research in Medicinal Chemistry. The first conference, in the series entitled '*Current Trends in Medicinal Chemistry*' (then) was held in 2009 to sensitize the importance of this highly interdisciplinary discipline, among the student community, at large. Subsequently, each conference had focused on specific therapeutic areas. The **MedChem-2011** focused on '*Anti-Infective Drug Discovery and Development*', **MedChem-2013** on '*Advances in Anticancer Drug Discovery & Development*', **MedChem-2015** on '*Anti-Diabetic Drug discovery and Development*' and **MedChem-2017** on '*Emerging Medicinal Chemistry Approaches against Neuropsychiatric and Neurodegenerative Diseases*'.

From many decades, natural products have been acting as a great source of therapeutic agents and have shown beneficial uses. Drug discovery using natural products is a challenging task for designing new leads in the process of finding and discovering new and effective drug compounds that can be useful for human resources. It describes the bioactive compounds derived from natural resources, its phytochemical analysis, characterization and pharmacological investigation. The conference, **MEDCHEM-2019** is being organized on the topic '**Natural Product Prospecting for Therapeutic Applications**' and will be conducted in IC&SR building inside IIT Madras, during November 1-2, 2019. The conference aims to provide a platform for intense and exciting discussion on this topic.



<https://pharmaceutical-biology.ethz.ch/research/natural-product-based-drug-discovery.html>

This one and half a day conference will have special and invited lectures by eminent scientists working in the area broadly represented by the title of the conference. Poster presentations (~50 numbers) will also be there on the first day. Researchers from the areas of natural product isolation, total synthesis and medicinal chemistry are encouraged for poster presentation and to avail the opportunity to get better exposure to the areas. Students of final year M.Sc. from various institutions and universities are being invited (through nomination by their parent institute/department) to participate in this conference. The number of M.Sc. students is restricted to approximately 75 to facilitate effective interaction with the speakers.

The organizing committee invites you to participate in this conference, **MEDCHEM-2019**. Abstracts for poster presentation can be prepared as per the guidelines given on the website (<http://chem.iitm.ac.in/medchem2019/>). The official language of this event is English. Computer and projectors for PowerPoint presentation, and appropriate boards for posters will be provided at the venue. All speakers are requested to bring soft copies of the presentation along with them.

## Registration

Participants are requested to

- Register online at <http://chem.iitm.ac.in/medchem2019/>
- Make payment of the registration fee on or before October 08<sup>th</sup>, 2019 through a demand draft in favor of the 'Convener, MEDCHEM-2019' and mail it to 'The Convener, MEDCHEM-2019, Department of Chemistry, I.I.T Madras, Chennai – 600036, India' or Email to [beeru@iitm.ac.in](mailto:beeru@iitm.ac.in)
- For online transfer use the *i-collect* link available in the registration page.

## Registration Fee\*

- |  |          |
|--|----------|
| 1. Delegates from academic and research institutions | Rs. 4000 |
| 2. Delegates from industries                         | Rs. 6000 |
| 3. Research scholars                                 | Rs. 2000 |
| 4. Other students                                    | Rs. 1000 |

\*Local hospitality will be provided

## Important Dates

Submission of Abstracts : **September 30<sup>th</sup>, 2019**  
for Posters

Letters of Acceptance : **October 05<sup>th</sup>, 2019**

For more details about this conference,  
please visit

<http://chem.iitm.ac.in/medchem2019/>