

## PATRONS

**Rev. Dr A. M. Jayapathy Francis, SJ**

*Rector, Loyola Institutions, Chennai.*

**Rev. Dr D. Selvanayakam, SJ**

*Secretary & Correspondent,  
Loyola College, Chennai.*

**Rev. Dr F. Andrew, SJ**

*Principal, Loyola College, Chennai.*

## CHAIRMANS

**Rev. Dr John Pragasam, SJ**

*Director, LIFE,  
Loyola College, Chennai.*

**Dr M. G. Johnson**

*Head, Department of Chemistry,  
Loyola College, Chennai.*

**Rev. Dr Maria Packiam, SJ**

*Deputy Director, LIFE,  
Loyola College, Chennai.*

## CONVENER

**Dr M. Jaccob**

*Assistant Professor, Department of Chemistry,  
Loyola College, Chennai.*

## **REGISTRATION FEE**

Students & Research Scholars : Rs. 600/-

Delegates from Academia : Rs. 1000/-

Registration fee includes kit, certificate, lunch  
refreshments

No accommodation / transportation will be  
provided.

Registration fee is payable only by Demand Draft, drawn in favour of "The Principal, Loyola College," at Chennai. The payment details should be filled and sent along with the registration form.

## **CORRESPONDENCE: Dr M. Jaccob**

Convener, RTBIC – 2019

Assistant Professor, Department of Chemistry,

Loyola College (Autonomous), Nungambakkam, Chennai – 600 034.

**+91-99443-42502 | Email: madhavanjack05@gmail.com**

## EXECUTIVE COMMITTEE

### DEPARTMENT OF CHEMISTRY

**Dr D. Suresh Kumar**

**Dr A. Jeya Rajendran**

**Dr A. John Maria Xavier**

**Dr A. Justin Adaikala Baskar**

**Dr J. Judith Vijaya**

**Dr S. Anuja Manikandan**

**Dr M. F. Valan**

**Dr Sweetlin Rajula Rubavathi**

**Dr N. Arockia Samy**

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**Dr A. Vijayakumar**

**Dr S. Daniel Doss**

**Dr P. Ajith Walter**

### LIFE

**Dr S. Vincent**

**Dr J. M. V. Kalaiarasi**

**Dr V. Pushpa Rani**

**Dr Jaqueline Chinna Rani**

**Dr J. Merline Shyla**

**Dr M. Victor Antony Raj**

## **IMPORTANT DATES**

Registration Opens : 26-12-2018

Registration Closes : 12-02-2019

Deadline for Poster

Abstract Submission : 31-01-2019

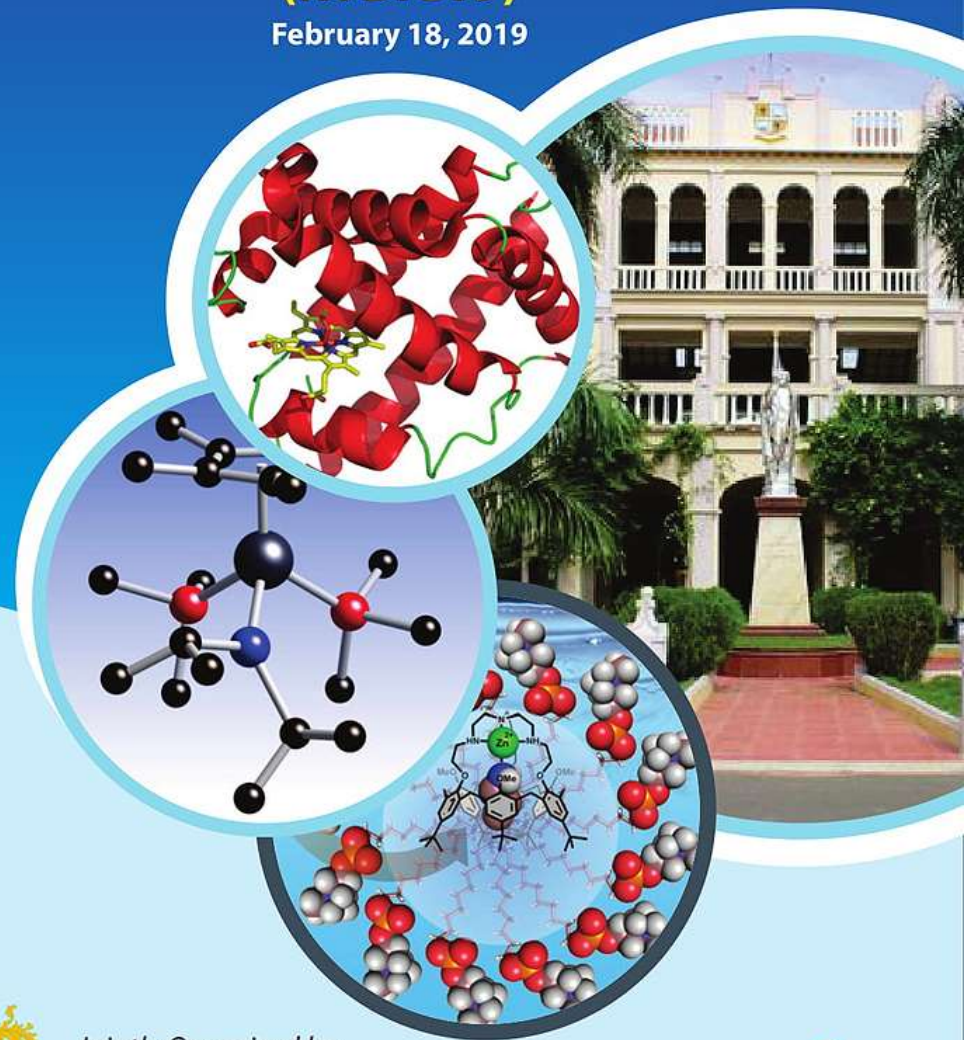
Deadline for payment  
of registration fees. : 12-02-2019

One-day International Seminar on

# Recent Trends in Bioinorganic Chemistry

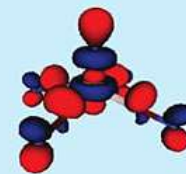
**(RTBIC19)**

February 18, 2019



Jointly Organized by

**Department of Chemistry &  
Loyola Institute of Frontier Energy (LIFE),  
Loyola College (Autonomous), Chennai- 34.**



## Loyola College

Loyola College, Chennai, established in 1925 is a Jesuit institution. NAAC's re-accreditation score in 2012 (Third Cycle) is 3.7 out of 4.0 CGPA. UGC has elevated Loyola College to the most coveted status of "College of Excellence" for the period of 2014–2019. Furthermore, its Arts, Commerce and Science departments have always been ranked amongst top 5 in India. The College aims at forming students as Competent, Committed, Creative and Compassionate men and women for and with others. This is the core of Jesuit Education and this is what has made Loyola climb to the top league of colleges in India. Obtaining wisdom, knowledge and attaining enlightenment are the fundamental tenets of the education imparted in this college which challenges the students to live up to the college motto: "LET YOUR LIGHT SHINE" by their learning and good example.

## Department of Chemistry

Established in the year 1926 offers UG, PG and research programmes in Chemistry and also PG programme in Food Chemistry and Food Processing. The department has well qualified staff members who are actively involved in teaching and research in fields such as supra molecular assembly, organic synthesis, coordination chemistry, nanomaterials, catalysis, thin-film coatings, phytochemistry, theoretical and computational chemistry. The department has to its credits several major and minor research projects funded by agencies such as UGC, CSIR, DST, DBT, DAE, BRNS, DRDO, TOI etc., to the tune of a few crores. The department has more than 300 publications, five Indian patents and produced 99 PhD scholars. The department is in active collaboration with industries, national, international institutes and laboratories for various research programmes.

## Loyola Institute of Frontier Energy (LIFE)

LIFE is an Interdisciplinary, Borderless and Collaborative Research Institute in Loyola College, Chennai. The thrust areas are: Energy, Environment, Bioethics, Material Science, Awareness Education to Students and the Masses.

## Theme and Objectives

Bioinorganic Chemistry is an interdisciplinary branch which deals with the growth and biochemical metabolism of living systems. It is useful not only to chemists but also to molecular biologists and biochemists. To understand the structure and mechanism of these biochemical processes, bioinorganic chemists have contributed to the development of synthetic model complexes. This will enable us to mimic the entire biological process for gaining more insights on mechanism of biochemical reactions. The liability of biomimetic models are understood from various characterization methods. All information obtained from various physical and biochemical methods are clearly rationalized with help of computational chemistry approaches in an irrefutable manner. This is the main focus of this one day seminar on "Recent Trends in Bioinorganic Chemistry" (RTBIC - 2019).

## Who Can Participate?

Biochemists, computational chemists, structural biologists, research scholars in the field of modelling biological and bio-inspired systems and processes, inorganic chemists & other interested candidates.

## Call for Poster Presentation

- Those who wish to present a poster should specify the same in the registration form and send it to convener before the last date of registration.
- The abstract of the poster should be sent to convener before the stipulated deadline.
- You may place figures, references & acknowledgments to fit the abstract on one page.
- Abstract format: Font - Times New Roman; Size 12 pt; Alignment: Justify; 1.5 Line spacing.
- The poster size should be 120 x 90 cm.
- A committee appointed by the organizers will judge all posters and the best five posters will be awarded with certificate and memento.

## Resource Persons



**Prof. Peter Comba**

University of Heidelberg, Germany.



**Prof. Jean-Marc Latour**

CEA, Univ. of Grenoble-Alpes, France.



**Prof. G. Rajaraman**

IIT-Bombay, Mumbai, India.



**Prof. M. Sankaralingam**

NIT-Calicut, Kerala, India.

**Prof. Pascale Maldivi**

University of Grenoble, France.



**Dr. V. Subramanian**

CSIR-CLRI, Chennai, India.



**Prof. C. V. Sastri**

IIT-Guwahati, Guwahati, India.



## SEMINAR DURATION AND VENUE

The one-day international level seminar will be held in YD hall, Department of Chemistry, Loyola College (Autonomous), Chennai, India on February 18, 2019.

## PARTICIPANTS

A total of around 150 participants will be selected to attend the international Seminar.