



**MANIPAL**  
UNIVERSITY COLLEGE  
MALAYSIA



# 2nd International Conference on Recent Innovations in Biological, Chemical & Clinical Sciences

(Hybrid - Mode)

## VENUE

Manipal University College Malaysia (MUCM)  
(Melaka Campus)

06 - 07 May 2025

### Organizers



**Prof. Dr. Jayakumar Gurusamy**  
Patron & Vice Chancellor  
Manipal University College Malaysia



**Prof. Dr. R. Jagannathan**  
Patron & Vice Chancellor  
Periyar University, Salem, India



**Prof. Arvind Deshmukh**  
Co-Patron & President  
Microbiologists Society India



**Prof. Antony V. Samrot**  
Organizing Secretary & Director (RMC)  
Manipal University College Malaysia



**Dr. Tikam Chand Dakal**  
Organizing Secretary & International Chairman- MBSI  
Mohanlal Sukhadia University, India



**Prof. Gokul Shankar Sabesan**  
Organizing Secretary & Deputy Dean (Pre-clinical)  
Manipal University College Malaysia

### Publishing Partner

Indian Journal of Microbiology (IF= 2.1)  
Journal of Young Pharmacists (IF = 0.4)

Peer-reviewed full papers will be published in a  
Scopus/ESCI-indexed journal or in an ISBN  
proceeding. Discounted APC applicable

### Keynote Speakers



**Prof. Paolo Giudici**  
Chief Guest  
Vice-President  
Società Agraria di Reggio Emilia, Italy



**Dr. Gulshan Wadhwa**  
Guest of Honor  
Scientist "G" and Adviser  
DBT, Ministry of Sci. & Tech, India



**Prof. Dr. Jaroslaw Kazimierz Maciaczyk**  
University Hospital of Bonn, Germany



**Dr. Hector Rodrigo Mendez**  
University of Stanford, USA

### Organizing Committee

**Joint Organizing Secretary**  
Dr Sheryl Deborah George

#### Scientific Committee

Dr Anita Devi Krishnan Thantry  
Dr Rekha Prabhu  
Prof Tin Tun  
Prof Maya Roche  
Prof Roche Ronald Aloysius  
Prof Khin Thane Oo  
Prof Shirani Ranasinghe  
Dr Kamlesh Kumar Dubey  
Prof Zachariah Varkki  
Prof Nirmal Kumar Sinha  
Prof Neena Chuni  
Prof Htay Lwin  
Prof Soe Naing Tun

#### Registration, Food & Hospitality

Dr Norfaizatul Shalida Binti Omar  
Dr Tang Hooi Chia  
Dr Muhammad Zulfiqah Bin Sadikan  
Ms Rusdiah Ruzanna Binti Jusoh  
Dr Haryati Binti Ahmad Hairi  
Mr Kalidasan Vasodavan

#### Event Coordination & Logistics

Prof Sugapriya Dhanasekaran  
Dr Parthiban Govindarajoo  
Dr Harini Narayanam  
Dr Remya Vallathol  
Dr Samreen M Sheik  
Dr Vimalah Devi Gengathurai  
Dr Noor Wahidah Mohd Nasri

#### Publicity and Sponsorship

Dr Baala Sharmma K. Balasubramaniam  
Dr Chandrika Murugaiah  
Dr Seetha Munisamy

#### Conference Kit and Certificate Committee

Dr Nur Izzati Ismail  
Dr Mizanurfakhri Ghazali  
Dr Hazwani Mohd Yusof  
Dr Nurul Hamirah Kamsani

#### Abstract Book Committee

Dr Sheryl Deborah George  
Dr Thin Mon Kyaw  
Dr Mila Nu Nu Htay  
Dr Ganesh Kamath  
Dr Muthuvel Mani  
Dr Kukkamalla Anand

## Plenary Speakers



### Prof. Srikumar Chakravarthi

Deputy Vice-Chancellor  
SEGi University, Malaysia



### Prof. Abhishek Kumar

Manipal Academy of Higher Edu. &  
Institute of Bioinformatics, India



### Prof. Subha Bhasu

University of Malaya, Malaysia



### Dr. Mukesh Meghvansi

DRDE (DRDO), Gwalior, India



### Dr. Mok Pooi Ling

University Putra Malaysia, Malaysia



### Prof. B. R. Gadi

Director,  
EMRC, JNV University, India



### Prof. Sarath Babu K

Director, Genomics Health & Informatics  
Columbia University Med. Centre, USA



### PD Dr. Amit Sharma

University Clinic Bonn, Germany



### Dr. Tikam Chand Dakal

Mohanlal Sukhadia University, India



### Dr. Jingjing Pu

Shanghai Jiao Tong University, China

## National & International Advisory Members

Dr. Gulshan Wadhwa, DBT, Ministry of Sci. and Tech., Govt. of India, India

Prof. Ingo Schmidt-Wolf, University Clinic Bonn, Germany

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Prof. Ullrich Wuellner, University Clinic Bonn, Germany

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Prof. Dr. Swaranjit Singh Cameotra (Retd), CSIR-IMTECH, India

Prof. Preeti Mehta, Sangam University, Bhilwara, India

Prof. Senthil Rajagopal, REVA University, India

Prof. Sandeep Srivastava, Manipal University Jaipur, India

Dr. Lisa Solieri, University of Modena & Reggio Emilia, Italy

Dr. Luciana De Vero, University of Modena & Reggio Emilia, Italy

Dr. Narendra Sharma, Banasthali Vidyapith, India

Dr. Caiming Xu, Beckman Research Institute of City of Hope, USA

Dr. Jitender Nandal, Beckman Research Institute of City of Hope, USA

Dr. R. Subbaiya, The Copperbelt University, Zambia

Dr. Sanjay M R, King Mongkut's Univ. of Tech. Nr Bangkok

Dr. Ir. Femiana Gapsari, Brawijaya University MT Haryono, Indonesia

Dr. Suresh Kumar, Vice-chancellor, Saveetha University, India

Prof. Pankaj Goyal, Central University of Rajasthan, India

Dr. Vikas Yadav, Jawaharlal Nehru University, India

Dr. Ravi Tandon, Jawaharlal Nehru University, India

Dr. Ravi Kant Avvari, NIT Rourkela, India

Dr. Ramovatar Meena, Jawaharlal Nehru University, India

Dr. Pankaj Yadav, IIT-Jodhpur, India

Dr. Janmejaya Pandey, Central University of Rajasthan, India

Dr. Rajendra K. Verma, Umea University, Sweden

Dr. Kamal Jain, Molekule Consulting LLC, Belgium

## Themes

### Life Sciences and Biotechnology

- Computational Biology
- Bioinformatics & Biostatistics
- Structural Biology & Drug Discovery
- System Biology
- Microbiology and Microbial Technology
- Yeasts for Fermented Foods & Beverages
- Animal & Plant Biotechnology

### Chemical Sciences & Engineering

- Organic/Inorganic Synthesis
- Innovative & Applied Chemistry
- Pharmaceutical Sciences
- Theoretical Chemistry
- Green Chemistry

### Biomedical & Clinical Sciences

- AI & Machine Learning and Multi-omics Techniques
- Cancer Biology, Aging & Neurodegeneration
- Autoimmune Disorders
- Viral & Infectious Diseases
- Recent Advances in Clinical Practice
- Clinical Research
- Current & Future Demands in Healthcare
- Innovations in Biomedical Research

### Nanoscience & Nanotechnology

- Nanomaterials Formulations
- Targeted Drug Delivery



## Guidelines for Participants

### Abstract

**Word Limit:** Maximum 300 words excluding the title and author information.

**Font style:** Time New Roman

**Font size:** 12

**Format:**

- Title: Concise and descriptive (max 20 words).
- Authors & Affiliations: List all contributing authors with institutional affiliations. Presenting authors name should be bold followed by an asterisk.

**Abstract Structure:**

- Background: Brief introduction and study rationale.
- Methods: Summary of study design, materials, and methods.
- Results: Key findings
- Conclusion: Summary of implications and significant.
- Key words: Maximum 5
- References, figures & tables are not required
- **Mail to:** icribccs@gmail.com

### Oral & Poster Presentation

Faculty members, scientists, bachelor's/master's students and Ph.D. scholars attending the conference and interested in presenting an oral or poster presentation, are kindly requested to submit their abstract via email to icribccs@gmail.com. For full paper guidelines, please contact Dr. Tikam Dakal or Prof. Gokul Shankar.

A limited number of slots are available for oral and poster presentations in both faculty category and student category.

### Oral Presentation

General Guidelines: Max. 15 slides, Arial Font - min 18pt

### Poster Presentation

General Guidelines: Poster Dimensions 24"x 48", Arial Font - min 18pt

▶ **Peer-reviewed full papers will be published in Scopus Indexed journal or in an ISBN proceeding. APC is applicable at discounted price for selected conference papers. Acceptance is purely based on peer-review. Journal Editor's decision is final.**

**Registration Open**  
01 - Feb - 2025

**Abstract Submission Open**  
01 - Mar - 2025

**Abstract Submission Close**  
25 - Apr - 2025

**Acceptance Notification**  
30 - Apr - 2025

**Registration Close**  
30 - Apr - 2025

## Awards & Recognitions

- RIBCCS-Life-time Achievement Award
- RIBCCS-Senior Innovator Award
- RIBCCS-Young Innovator Award
- RIBCCS-Women Innovator Award
- Best Paper Award (faculty category)
- Best Paper Award (student category)
- Best Poster Award (student category)
- Quiz Competition

More details about eligibility can be found into the Application proforma, which can be requested from organizers (icribccs@gmail.com) by email.

### Registration and Payment

Students/Scholars: RM 400 (INR 8000)

Faculty Members: RM 500 (INR 10000)

Corporate/Industry: RM 500 (INR 10000)

Online Participation: RM 250 (INR 5000)

Group registration discount available.

### Link for payment

<https://payment.manipal.edu.my/>

### Scan for registration



**More Information:**  
<https://manipal.edu.my/ribccs2025/>

**\* Visa Information:**  
<https://www.imi.gov.my/>

**Visa Exempted for Indian & Chinese Nationals\***  
**Visa not required for ASEAN nationals except Myanmar\***

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## About Manipal University College Malaysia

**Manipal University College Malaysia (MUCM)** is a premier higher education institution located in the historic city of Melaka. Established over 25 years ago, MUCM is dedicated to excellence in health sciences education. The college offers a range of programs, including Bachelor of Medicine & Bachelor of Surgery (MBBS), Bachelor of Dental Surgery, Bachelor of Science in Occupational Therapy, Bachelor of Science in Physiotherapy, & Bachelor of Science in Psychology and master programme.

**MUCM** is known for its world-class faculty, modern laboratories, and extensive clinical training opportunities. The college has produced over 10,000 graduates who have significantly contributed to the Malaysian healthcare sector. Located just an hour from Kuala Lumpur International Airport, MUCM provides easy accessibility for students.



## About Periyar University

**Periyar University** was established by the Government of Tamil Nadu in Salem on 17<sup>th</sup> September 1997 as per the provisions of the Periyar University Act, 1997. The University covers the area comprising four districts namely Salem, Namakkal, Dharmapuri, and Krishnagiri. Periyar University is the only state-run University in Tamil Nadu that secured a four-star rating for its activities under the Institution's Innovation Council (IIC) consecutively for the last three years (2022, 2023, and 2024). The University also obtained 12(B) and 2(f) status from the University Grants Commission, New Delhi and it was reaccredited by the NAAC with "A++" Grade in 2021. The University secured 56<sup>th</sup> rank among Indian Universities by MoE NIRF 2024.

Periyar University has taken the significant step of promoting interdisciplinary study and research. University strives hard to offer high quality education by revamping research and extension activities, curriculum enhancement, academic flexibility, strong publications in peer reviewed journals, world class laboratory facilities, and anti-plagiarism software to endorse original results.



## About Malaysia & Melaka City

**Malaysia** is a vibrant and diverse country located in Southeast Asia, known for its rich cultural heritage, stunning natural landscapes, and bustling cities. It consists of two main regions: Peninsular Malaysia and East Malaysia, which is located on the island of Borneo. The capital city, Kuala Lumpur, is a major financial and cultural hub, famous for its iconic Petronas Twin Towers. Malaysia is celebrated for its delicious cuisine, which is a fusion of Malay, Chinese, Indian, and indigenous influences.

**Melaka** (Malacca) is a historical city in Malaysia, located on the southwestern coast of the Malay Peninsula. It is one of the country's most historically significant cities, having been a major trading port for centuries. Melaka's rich history is reflected in its architecture, with colonial buildings, ancient forts, and traditional Peranakan houses. Some of the city's famous landmarks include the A Famosa fort, St. Paul's Hill, and the vibrant Jonker Street, known for its night market and antique shops. The city is also a UNESCO World Heritage Site, recognized for its well-preserved blend of Malay, Chinese, Indian, and European cultural influences.

**How to Reach Melaka:** Participants arriving to Kuala Lumpur International Airport (KLIA) can reach Melaka city by bus (redBus; StarMart Express; 1hr 45 min; RM 30-40) or taxi (RM 200-300).