



ALAGAPPA UNIVERSITY

(A State University Established in 1985)



Karaikudi - 630003, Tamil Nadu, India



2nd International Symposium on ADVANCES IN LABORATORY TECHNIQUES FOR BIOMEDICAL APPLICATIONS

Date: 30th January, 2025 (Thursday) Time: 10.30 a.m.

Venue: Conference Hall, 4th Floor, Science Campus

DEPARTMENT OF BIOMEDICAL SCIENCE

ABOUT THE UNIVERSITY

Alagappa University was established in 1985 and located in Karaikudi, Tamil Nadu. It was founded by the renowned philanthropist Padma Bhushan Dr. R.M. Alagappa Chettiar. The university spans 435.98 acres, offering a research-friendly, eco-conscious environment. It serves approximately 1.12 lakh students through regular, distance, online, and collaborative programs. Recognized by the University Grants Commission (UGC) and holding memberships in the Association of Indian Universities (AIU) and the Association of Commonwealth Universities (ACU), it has international partnerships with institutions in the USA, UK, Australia, and beyond. Alagappa University boasts a prestigious A+ NAAC grade, Category-I status, and autonomy among select institutions in India. It achieved 28th in the 2019 National Institutional Ranking Framework (NIRF) and ranks in various global indices, including QS Asia. Distinctly, it received a Rs.100 crore MHRD-RUSA 2.0 grant for quality enhancement.

DEPARTMENT PROFILE

The Department of Biomedical Science offers Postgraduate and Doctoral Programmes. The department boasts a dedicated faculty of experts specializing in diverse areas of research, including oncology, molecular biology, genetics, and immunology. Research within the department focuses on advancing cancer treatment through targeted therapies.

ABOUT SYMPOSIUM

The International Symposium on Advances in Laboratory Techniques for Biomedical Applications provided an engaging platform for researchers, scientists, and professionals to explore and discuss the latest advancements in biomedical technology. Participants engaged with presentations and discussions on innovative technologies that are shaping biomedical research and healthcare. Key topics included breakthroughs in medical imaging, genomics, bioinformatics, and wearable technologies, emphasizing their transformative roles in diagnostics, treatment, and personalized medicine. The symposium's interactive sessions promoted collaboration, enabling attendees to share experiences and address challenges in implementing these advanced techniques. Overall, the symposium highlighted the current state of the art while inspiring future research and development directions, contributing significantly to the ongoing progress in the dynamic field of biomedical science.

REGISTRATION

The registration fee can be transferred to the Indian Bank SB account (Branch: Alagappa College Campus, A/c: 6651763275, IFSC Code: IDIB000A008) or paid via a demand draft made out to Organizing Secretary and payable at Karaikudi. Please ensure that proof of payment is attached during the registration process.

Scientific Topics

- ❖ Advances in Cancer Genetics, Genomics, and Diagnostics
- ❖ Innovations in Immunotherapy, Vaccines, and Cell-Based Therapies
- ❖ Laboratory Approaches in Infectious Disease Diagnosis and Therapeutics
- ❖ Cutting-edge Techniques in Developmental Biology and Disease Modeling
- ❖ Chemical Biology in Biomedical Research
- ❖ Computational Oncology

Organizing Committee

Patron

Col. Sr. Prof. G. RAVI, Vice-Chancellor,
Alagappa University, Karaikudi.

Co-Patron

Prof. A. SENTHILRAJAN, Registrar,
Alagappa University, Karaikudi.

Organizing Secretary

Dr. K. LANGESWARAN, Asst. Professor & Head (i/c)
Department of Biomedical Science, Alagappa University

Invited Speakers

Dr. Maithreyi Shivkumar, Senior Lecturer in Molecular Biology,
Leicester School of Pharmacy, De Montfort University, Leicester.

Dr. Deepti Parashar, Scientist F,
National Institute of Virology (NIV), Pune.

Dr. C. Kannan, Principal Scientist,
ICAR- Indian Institute of Rice Research, Hyderabad.

Dr. Saravanan Matheshwaran, Associate Professor,
Department of Biological Science & Bioengineering,
Indian Institute of Technology, Kanpur.

Dr. B. Anandan, Assistant Professor & Head i/c, Department of
Pharmacology, University of Madras, Chennai.

Dr. K.V. Nithyamol, Associate Manager, Botanical Sciences,
Innovation & Science, Amway.

Organizing Committee Members

Dr. Mamali Das, Teaching Assistant

Dr. C. Kiruthiga, Teaching Assistant

Dr. A. Kamala Devi, Teaching Assistant

PARTICIPANTS	Early Bird Registration	On the Spot Registration
PG Students	₹ 300/-	₹ 500/-
Research Scholars	₹ 500/-	₹ 750/-
Faculties / Scientists	₹ 1000/-	₹ 1500/-
Overseas Participants	\$75	\$100

DETAILS OF PAYMENT

A/C No : 6651763275

Bank Name : Indian Bank

Branch : AC Campus, Karaikudi

IFSC Code : IDIB000A008

Registration Deadline:

25th January, 2025

*Registration fee including Symposium Kit, High Tea, and Lunch

Registration Link

<https://forms.gle/KuEKXSaf6QcSTvCz8>

Address for Communication
Dr. K. LANGESWARAN

Organizing Secretary

2nd International Symposium on
Advances in Laboratory Techniques for Biomedical Applications

Assistant Professor and Head (i/c)

Dept. of Biomedical Science, ALU, Karaikudi

Contact: 988 449 5511 Email: dr.langeswaran@gmail.com

