



# ALAGAPPA UNIVERSITY

(A State University Established in 1985)



Karaikudi - 630003, Tamil Nadu, India



## DEPARTMENT OF BIOMEDICAL SCIENCE

## International Symposium on ADVANCES IN LABORATORY TECHNIQUES FOR BIOMEDICAL APPLICATIONS

Date: 31<sup>st</sup> January, 2024 (Wednesday) Time: 10.00 a.m.

Venue: Conference Hall, 4<sup>th</sup> Floor, Science Campus

### ABOUT THE UNIVERSITY

Alagappa University, situated in Karaikudi, TamilNadu, India, within the Sivaganga district, boasts a campus that provides an ideal setting for both research and education. Established in 1985 by an Act of the Tamil Nadu government, this university was named in honor of Dr.RM.Alagappa Chettiar, a renowned philanthropist and educator. Notably, it achieved an impressive A+ Grade with a CGPA of 3.64 from the National Assessment and Accreditation Council (NAAC). Alagappa University holds the distinction of being the first State University in Tamil Nadu to attain an A+ grade and ranks second among the 12 State Universities with Category-I Status in the country according to MHRD-UGC. Additionally, it has earned Autonomy status, are cognition shared with only 60 institutions across the country as announced by MHRD. In terms of national rankings, the university secured the 28th position among all universities in the National Institutional Ranking Framework (NIRF) for the year 2019. On the international stage, it holds the 20th position in the QS India Ranking, 104th in the QSBRICS Ranking, and 216th in the QSAsia Ranking for 2019. Remarkably, Alagappa University stands out as the sole university in Tamil Nadu to receive a grant of Rs.100 crores under the MHRD-RUSA 2.0 Scheme.

### DEPARTMENT PROFILE

The Department of Biomedical Science primarily offers post graduate and doctoral degree programs in the field of biomedical science and related disciplines. Within this department, you can typically find a dedicated faculty comprising experts in diverse areas of cancer research, such as oncology, molecular biology, genetics, immunology, and more. Research conducted within this department often revolves around the exploration and advancement of novel cancer treatment strategies, encompassing targeted therapies, immunotherapies, and personalized medicine approaches.

### ABOUT SYMPOSIUM

The Symposium on recent techniques in biomedical applications served as a dynamic platform for researchers, scientists, and professionals to converge and exchange insights on cutting-edge developments in the field. Participants delved into various topics, encompassing innovative technologies transforming biomedical research and healthcare. Engaging presentations Highlighted advancements in Medical Imaging, Genomics, Bioinformatics, and Wearable Technologies, show casing their pivotal roles in diagnostics, treatment, and personalized medicine. The interactive sessions fostered collaborative discussions, allowing attendees to share their experiences and challenges in implementing these techniques. The symposium not only elucidated the current state of the art but also inspired future directions for research and development in biomedical applications. Overall, it was acknowledged - rich event that contributed to the ongoing dialogue and progress within the rapidly evolving landscape 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.

### Organizing Committee

Patron

**Prof. G. RAVI**, Vice-Chancellor, Alagappa University

Co-Patron

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

Organizing Secretary

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

### Invited Speakers

**Prof. E.M. Shankar**, Professor & Dean, School of Life Science,  
School of Life Science, Central University of Tamil Nadu, Thiruvavur

**Dr. Vijayakumar Velu**, Assistant Professor, Division of Microbiology  
& Immunology, Emory University School of Medicine, USA.

**Dr. N. Muruganandam**, Scientist - D,  
ICMR-Regional Medical Research Centre, Dept. of Health Research,  
Port Blair, Andaman and Nicobar Island.

**Prof. Pachamuthu Balakrishnan**, Professor & Chief Scientist,  
Centre for Infectious Diseases, Saveetha Medical College & Hospitals,  
Saveetha University, Chennai.

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

**Dr. S. Gowtham Kumar**, Associate Professor - Genetics,  
Chettinad Academy of Research and Education, Chennai.

### Scientific Topics

- ❖ Cancer Genetics & Genomics
- ❖ Cancer Immunotherapy & Vaccines
- ❖ Cell-Based Therapy
- ❖ Developmental Biology
- ❖ Computational Oncology
- ❖ Chemical Biology

PARTICIPANTS	Early Bird Registration	On the Spot Registration
PG Students	300/-	500/-
Research Scholars	500/-	750/-
Faculties / Scientists	1000/-	1500/-

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

Scan for Registration



Registration Deadline:  
19<sup>th</sup> January, 2024

Registration Link

[https://docs.google.com/forms/d/e/1FAIpQLSdyoCb1x7-40fT-8KnT8TInM2dguz\\_0NMo6gLZz7hR4PAWbkw/viewform?pli=1](https://docs.google.com/forms/d/e/1FAIpQLSdyoCb1x7-40fT-8KnT8TInM2dguz_0NMo6gLZz7hR4PAWbkw/viewform?pli=1)

Address for Communication

**Dr. K. LANGESWARAN**

Organizing Secretary

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](mailto:dr.langeswaran@gmail.com)

