

JSS Academy of Higher Education & Research

(Deemed to be University) Accredited with an “A++” by NAAC

**Division of Molecular Biology
 School of Life Sciences, Mysuru**

In Association with

International Applied Biologists Association



Organizing

DBT Sponsored

NATIONAL CONFERENCE ON

“Applied Biotechnological & Biosciences Interventions in New Age Translational Therapeutics”

FEBRUARY 21st and 22nd 2025

VENUE












SCHOOL OF LIFE SCIENCES, JSS AHER, MYSURU



Website link:

<https://jssuni.edu.in/jssaher/conference/iaba/index.html>

For further details contact iabaconference2025@gmail.com

 A++	 24th University Category	 SDG-3 1 in WORLD	 Overall 101-200 2 in INDIA	 350 2024 Southern Asia	 101-150 Pharmacy & Pharmacology 701-720 Medicine	 EXCELLENT Rated for Excellence	 RANKED 2024	 801-1000 23 in INDIA	 501-600 Clinical & Health Life Science 801-1000	 351-400 51 in INDIA	 251-300 Young University 27 in INDIA
--	--	---	--	--	--	---	---	---	---	--	--

About the University

JSS Academy of Higher Education & Research, formerly known as JSS University, is a Deemed to be University located in Mysuru, Karnataka. It was established in 2008 under Section 3 of the UGC Act 1956 and is a part of JSS Mahavidyapeetha, which runs various educational institutions. This Deemed-to-be University is recognized by the Ministry of Education and is accredited by NAAC with an A++ Grade (3.61). JSS AHER has been ranked 24th in the NIRF University category and World No-1 in SDG-3. The Deemed-to-be University has focused on teaching, research, and health services since its inception. Under the leadership and gracious Patronage and Blessings of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, the Chancellor of JSS Academy of Higher Education & Research, Pro Chancellor, Dr. B.Suresh, a noted multifaceted leader of repute and Vice- Chancellor, Dr. H Basavanagowdappa, an acclaimed clinician and Administrator, the Deemed to be University has made great progress in grooming graduates, postgraduates, and Ph.D. researchers by providing effective value-based education across our institutions by focusing on overall development of an individual through state-of-art facilities to make the learner a useful citizen to the society.

About the School of Life Sciences

The School of Life Sciences (SLS) was established in 2013 with the blessings of His Holiness Sri Shivarathri Deshikendra Mahaswamiji, Chancellor, JSS Academy of Higher Education & Research, Mysuru. The School is a unique institution in the country known for its multidisciplinary and interdisciplinary teaching and research in life sciences. The School of Life Sciences is a member of the JSS Academy of Higher Education & Research, a Strategic Planning Framework. The school stands today as a unique institution in the country known for its multidisciplinary and interdisciplinary teaching and research in life sciences. It has a vision and mission of achieving national and international distinction while strengthening local relevance. The unique courses offered under National Education Policy NEP 2020 covers-a-wide spectrum of biochemical, biomedical, and environmental sciences areas. In addition, many value-added programs have been initiated in the SLS, Mysuru to further provide additional knowledge that is in alignment with United Nations Sustainable Developmental Goals (UN-SDGs).

About the Division of Molecular Biology

The division of Molecular Biology was established in 2014 with an emphasis on enhancing and providing quality interdisciplinary education in the field of life sciences. We have overseas experienced faculty members who are at the forefront of diverse fields that span the frontiers of biological research and discovery in the current scenario: The syllabi encompass Molecular Cell Signalling & Functions; Functional Genomics and Proteomics; Genetic Models of Development and Disease; Molecular Medicine and Human Genetics; Cellular Radiobiology; Cancer & Stem Cell Biology & Biostatistics, providing an enormous breadth and depth of research expertise and training. Our graduate program is vibrant and thriving and provides an outstanding platform to successfully launch into diverse career paths, including academia, teaching, consulting, biotechnology and pharmaceutical industries, scientific writing, patent law, ethics, and policy. We build on the strength of our alumni community to empower our trainees to succeed and make amazing things happen in Molecular Biology.

About the Conference

Every challenge the globe has witnessed in the past centuries has paved the way for humanity to evolve, think and to innovate. Among the many challenges, improving quality of life is a priority because it contributes to the wellness and survival of Life. Along with the growth in different fields of science, the development of interdisciplinary approaches has evolved to conserve and protect the Biosphere. Biotechnology is one field that has contributed enormously to biology, agriculture, and health-care. To date, numerous advances have been made in this field. However, translating all biological as well as Biotechnological inventions and innovations from the bench to the bedside is the priority to obtain the desired future. The concept of Translational research not only promises the fate of laboratory research but also delivers the need the hour to an hour for researchers to encourage them to think, rethink, design and execute their ideas and bring them to reality. Translation of laboratory innovation into clinical settings through industrial intervention is also a key factor to consider in translational research.

This field is composed of sub disciplines such as molecular biology, genetics, microbiology, biochemistry, ecology, and evolutionary biology. Biosciences provide fundamental problem-solving concepts and a knowledge base that are required for biotechnologists and clinicians to translate research findings into practice. Translational research involves moving research findings from the laboratory to clinical or other practical use. This involves the process of moving laboratory innovations to clinical applications, diagnostics, and even policies that benefit people. The concept of translational research may be applicable to a broad range of activities from discovery of promising therapeutic targets to clinical trials and implementation of new therapies into clinical practice. These fields are interrelated, as mentioned earlier; biotechnology may rely on advances in biosciences to create new inventions, while translational research helps apply these inventions in real life. Thus, they collectively contribute to the progression of scientific research and the generation of solutions to pressing global issues. Modern tendencies in biotechnology bioscience as well as translational research have proven that applying different technologies/concepts, including CRISPR-Cas Gene Editing, Synthetic Biology, Biopharmaceuticals, Bioinformatics and Big Data, Omics Technologies, Microbiome Research, Neuroscience, Environmental Bioscience, Precision Medicine, Regenerative Medicine, Clinical Trials Innovation, Global Health Initiatives, can contribute to decreasing the health risk burden worldwide.

The current conference brings the research, academia, and industry under common roof and provides a space to exchange their experiences, ideas, and views. Bringing all the key players of translational research into a common brainstorming space would promote the exchange of existing knowledge in their respective fields, further helping researchers translate an idea or an outcome into a larger purpose through versatile collaborations or guided routes.

Concept and Purpose

The key purpose of the conference is to promote Translational Research. Bringing Research, Academia, and Industry together under a common umbrella would facilitate enhanced exchange of knowledge in their respective fields; in turn influencing better visions and outcomes. Uniting the key players of translational research, aiming effective Bench-to-Bedside translation of Biological inventions and Innovations would encourage scientific fraternity to improvise on their existing ideas and knowledge, contributing to a better outcome from T0 to T4 zone. Bringing ideas into reality, with a goal of improving prognosis across different health conditions, and improving quality of life, is the priority of the summit.

About the International Applied Biologists Association (IABA)

The International Applied Biologists Association (IABA) is a voluntary scientific organization of Biologists of basic and applied studies, started with the purpose of nurturing and bringing individuals of versatile scientific communities together to promote interdisciplinary innovations and inventions. To interconnect and develop research and communication, the association was expressed in the year 2023 under the leadership of Dr. Wilson Santhosh Kumar Aruni in the year 2023. As a scientific organization, the body aims to serve society by connecting and reconnecting research, academia, and industry to promote sustainable healthcare and the protection of species. The association also extends its vision to facilitate the exchange of ideas and experiences across multiple disciplines educating participants about industry readiness and promoting collaborations to bring the best of the laboratory inventions.



For further details contact iabaconference2025@gmail.com

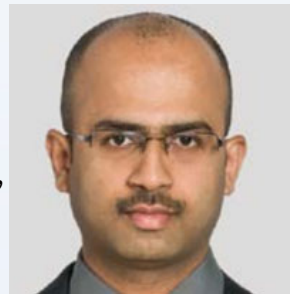
National Conference on “Applied Biotechnological & Biosciences Interventions in New Age Translational Therapeutics”

Resource Person



Dr. Natarajan Aravindan

Professor, Department of Physiological Sciences, College of Veterinary Medicine, Oklahoma State University Stillwater, OK, USA.



Dr. Sandeep M Eswarappa

Associate Professor, Department of Biochemistry, Indian Institute of Science, Bengaluru.



Dr. Akhil Srivastava

Assistant Professor Director of Graduate Education, University of Missouri-Columbia, School of Medicine, University of Hawaii at Manoa, USA.



Dr. Sittadjody Sivanandane

Associate Staff Scientist Wake Forest Institute Regenerative Medicine Winston-Salem, North Carolina, USA.



Dr. Arindam Banerjee

CEO and Director LifeSenz Cancer Research Labs Pvt Ltd, Mumbai, Maharashtra.



Dr. Arumugam Rajavelu

Associate Professor, Department of Biotechnology, Indian Institute of Technology, Chennai, Tamil Nadu.



Prof. Surajit Pathak

Faculty of Allied Health Sciences, Chettinad Academy of Research and Education, Chennai, Tamil Nadu.



Dr. Antara Banerjee

Associate Professor. Department of Regenerative Biology and Biotechnology Chettinad Academy of Research & Education Kelambakkam, Chennai, Tamil Nadu.



Dr. Maghimaa Mathanmohun

Professor, Centre for Global Health Research, Saveetha Medical College and Hospital, Saveetha University, Chennai, Tamil Nadu.



Dr. Satish Ramalingam

Associate professor, Department of Genetic Engineering, Faculty of Engineering & Technology, SRM Institute, Kattankulathur, Chennai, Tamil Nadu.

For further details contact iabaconference2025@gmail.com

National Conference on “Applied Biotechnological & Biosciences Interventions in New Age Translational Therapeutics”

Chief Patron

His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji
Jagadguru Sri Veerasimhasana Mahasamsthana Math, Sri Suttur Kshetra

Patron

Dr. C. G. Betsurmth
Executive Secretary, JSS Mahavidyapeetha

Co-Patrons

Dr. B. Suresh
Pro Chancellor
JSS Academy of Higher Education & Research

Dr. H. Basavanagowdappa
Vice-Chancellor
JSS Academy of Higher Education & Research

Dr. B. Manjunatha
Registrar
JSS Academy of Higher Education & Research

Scientific Advisors

Dr. Prashant M Vishwanath
Dean (Research)
JSS Academy of Higher Education & Research

Dr. Vishal Kumar Gupta
Dean (Academics)
JSS Academy of Higher Education & Research

Convener

Dr. Raveesha KA
Dean, Faculty of Life Sciences, Mysuru
JSS Academy of Higher Education & Research

Organizing Secretary

Dr. Kanthesh M Basalingappa
Associate Professor
Division of Molecular Biology
School of Life Sciences, Mysuru
JSS Academy of Higher Education & Research
Mysuru

Co-Organizing Secretary & President IABA

Dr. A.W. Santhosh Kumar
Vice-Chancellor
Amity University, Mumbai
&
Adjunct Professor
California Institute of Science and Medicine, USA

IABA Organizing Committee

1. **Dr. A.W. Santhosh Kumar- President, IABA**
2. **Dr. Kalidass Subramaniam- Vice- President, IABA**
3. **Dr. Kanthesh BM- Secretary, IABA**
4. **Prof. Pasupuleti Vishweswara Rao- Joint- Secretary, IABA**
5. **Dr. Kavitha K- Treasurer, IABA**

National Conference on “Applied Biotechnological & Biosciences Interventions in New Age Translational Therapeutics”

Scientific/ Session Committee

Dr. Kanthesh MB
 Dr. Gopenath T S
 Dr. Kiran Kumar MN
 Dr. Ashwini P
 Dr. Sumana K
 Dr. Siddesha JM
 Dr. Shankramma K
 Dr. Sushma BV
 Ms. Mythreyi R

Registration/ Stage Committee

Dr. Uma Maheshwari S
 Dr. Pallavi N
 Dr. Chaithra N
 Dr. Charukesi R
 Dr. Vanitha Reddy
 Dr. Nagalambika Prasad
 Ms. Aruna Kumari
 Ms. Sajana M
 Ms. Brunda M

Catering Committee

Dr. Lingaraju HG
 Dr. Shanmukhappa B. Kagineelli
 Dr. Kumar JR
 Dr. Bheemaraju E
 Mr. Mutthuraj D
 Mr. Arjun KR

Finance Committee

Mr. Hiremath C C
 Finance Officer, JSS AHER
 Dr. Shanmukhappa B. Kagineelli
 Dr. Kanthesh MB
 Mr. Veerabhadraswamy
 Mr. Mutthuraj D

Travel and Accommodation Committee

Dr. Anil Kumar KM
 Dr. Satish Kumar J
 Dr. Bheemaraju E
 Dr. Shiva S
 Mr. Arjun KR

Scientific committee

Dr. Gopenath TS- 9600499823
 Dr. Sumana K- 9740390666
 Ms. Mythreyi R- 7760067436

Travel and Accommodation committee

Dr. Kanthesh MB- 9482046281
 Dr. Lingaraju HG- 9844883471
 Dr. Anil Kumar KM - 9964769330
 Mr. Mutthuraj D - 9019026441
 Mr. Arjun KR - 7892074849



National Conference on “Applied Biotechnological & Biosciences Interventions in New Age Translational Therapeutics”

Thematic Areas

- Biotechnology
- Biosciences
- Translational Research
- Molecular Biology
- Synthetic Biology
- Bio-Pharmaceuticals
- Biomedical Research
- Bioinformatics & Computational Biology
- Genomic and Precision medicine
- Microbiology
- Microbiome Research
- Environmental Biosciences
- Clinical Trials and Drug Development
- Health Services Research
- Translational Oncology
- Digital Health and Telemedicine
- Neuroscience

Registration Categories

Sl no	Particulars	Early registration Fee details	Late (Feb 1st 2025 onwards)/On spot registration fee details
1	Student/Research scholar	1180/- (including 18% GST)	1770/- (including 18% GST)
2	Faculty/Post doctorals Researchers/ Research Associate/ Industry	2360/- (including 18% GST)	2950/- (including 18% GST)

Submission of Abstract & Registration Details

Sl no	Particulars	Important Dates
1	Registration starts from	3rd of January, 2025
2	Last date for abstract submission	12th of February, 2025

For poster & oral presentations submit your abstract to
iabaconference2025@gmail.com

National Conference on “Applied Biotechnological & Biosciences Interventions in New Age Translational Therapeutics”



Note: At the time of abstract submission, the presenting author must to send the registration details to the

E mail: iabaconference2025@gmail.com

For any additional information contact:

Dr. Kanthesh M Basalingappa

kantheshmb@jssuni.edu.in | 9482046281



Scan for Registration



Scan for location

Account pay/RTGS/NEFT/ Wire Transfer (Non-Indians)

Payment should be made using the following account details and a copy of the remittance should be sent by e-mail to the Organizing Secretary.

Name : **JSS University Seminar and Conference**

Bank Name : **State Bank of India**

Branch: **SS Nagara, Mysuru.**

Account No. **64075206395.**

IFSC No. **SBIN0040547**

For further details contact iabaconference2025@gmail.com

About the city of Mysuru

Mysuru is the cultural capital of Karnataka and is well known for its heritage structures and palaces. Mysuru is at the foothills of Chamundi Hills, Mysuru State. The Kingdom of Mysuru was ruled by the Wadiyar Dynasty and served as capital city from 1399 until 1956. Mysuru is well known for Mysuru Dasara, the state festival of Karnataka. The city is also famous for Mysore silk sarees, Mysore Pak, Mysore Peta, Mysore Sandal Soap, Mysore mallige.



The distance was calculated from the city bus stand in Mysuru.