

## Registration Fees

Category	Early Bird May 30		Late Registration June 7		Spot Registration	
	INR	USD	INR	USD	INR	USD
Student	850	10	1000	12	1500	18
Research Scholar/MD/DNB	1000	12	1250	15	1850	22
Post Doctoral Fellow	1350	16	1500	18	2200	26
Faculty/Scientist	2750	33	3250	38	4000	47
Industry	5000	60	6000	71	8000	94

## Registration Link and Payment

Participants can register through the google form link

<https://forms.gle/kcKBFj3jDzbjnPFA>

Payment can be done through

UPI ID: [PUSHPAGIRIRESEARCH.10002833@csbpay](mailto:PUSHPAGIRIRESEARCH.10002833@csbpay)



Payment QR Code



Registration QR Code

## Abstract Submission

Send your abstract in prescribed format to

[bioradiance@pimsr.edu.in](mailto:bioradiance@pimsr.edu.in)

Title, Author name, Affiliation, Abstract (300 words)

Last date for abstract submission: May 30, 2025.

The abstracts received prior to or on the last date will be included for publication in the Conference Proceedings.

## Accommodation

The participants can register for accommodation as described below.

Name and address of the accommodation facility	Available rooms	Rate/Day	Booking Type	Payment
Bodhana Tiruvalla Mob: 0469 2606063 Mob: 9400502740 (Mr. Jacob Ouseph, Secretary, PRC)	Dormitory	175	Direct Booking	 binishsimon@ebi
	Double Room	700		
	Double Room (Shared)	500		
	Cubicle	250		
Santhilayam Tiruvalla Mob: 9400502740 (Mr. Jacob Ouseph, Secretary, PRC)	Double room	896	PRC	 PUSHPAGIRIRESEARCH.10002833@csbpay
Hotel Centauri Opposite TPM Hall, Pushpagiri Road Thiruvalla Mob: 9745455888	Semi Suit	2500/ Night	Direct Booking	 hotelcentauri@icici
	Deluxe	2200/ Night		
	Standard	2000/ Night		
Hotel Elite Tiruvalla Contact: 0469 2740160 Mob: 9061002153	Standard (Single)	2600	Direct Booking	Payment at the time of checkout
	Standard (Double)	3100		
	Deluxe (Single)	3400		
	Deluxe (Double)	3800		

## ORGANIZING COMMITTEE

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Dr. Sreejith P Panicker, General Secretary, Kerala Academy of Sciences

### Joint Organizing Secretaries

Dr. Ajay Krishnan U, Scientist, PRC

Dr. Finosh G Thankam, Assistant Professor, Western University of Health Sciences, USA

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Dr. Nebu George Thomas, Professor and Scientist, Pushpagiri College of Dental Sciences & PRC

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Dr. Meena Issac, Assistant Professor PIMSRC

Dr. Sharlene Sara Babu, Additional Professor, Pushpagiri College of Dental Sciences

Mr. Jacob P Ouseph, Secretary, PRC

### Contact Details

For queries and concerns feel free to contact us at

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Dr. Sreejith P Panicker +919995211717 [psreejith@keralauniversity.ac.in](mailto:psreejith@keralauniversity.ac.in)

Dr. Ajay Krishnan U +919497352269 [drjaykrishnanu@pimsr.edu.in](mailto:drjaykrishnanu@pimsr.edu.in)

Visit: <https://www.prc.pushpagiri.in>

### Distance



Nearest Airport: Kochi (113 KM)

Nearest Railway Station: Tiruvalla (1.6 KM)

Nearest Bus Station: Tiruvalla (1.6 KM)



Media Partner



13<sup>TH</sup> INTERNATIONAL CONFERENCE

# BIORADIANCE 2025

FROM MOLECULES TO MEDICINE:  
BRIDGING BIOCHEMISTRY  
AND THERAPEUTICS



ORGANIZED BY

PUSHPAGIRI RESEARCH CENTRE  
IN ASSOCIATION WITH  
KERALA ACADEMY OF SCIENCES

ON

JUNE 17 -18, 2025

VENUE

SENATE HALL

PUSHPAGIRI INSTITUTE OF MEDICAL SCIENCES & RESEARCH CENTRE  
TIRUVALLA, KERALA

Credits Applied: KSMC/KDC/CNE

Note: Check the availability of rooms before proceeding to payment.



## ABOUT

### Pushpagiri Research Centre

Pushpagiri Research Centre (PRC) was established in 2010 as a Medical Research Centre that serves as the 'Central Research Facility' for various institutions under Pushpagiri Medical Society. PRC fosters in sustainable therapeutic regimens translating clinical research into innovative products, patents and publications in peer reviewed journals of repute. PRC is an approved Ph.D. centre by Kerala University of Health Science (KUHS), India. The Centre is also recognized as a Scientific and Industrial Research (SIRO) by the Department of Scientific and Industrial Research (DSIR) under the Ministry of Science and Technology, Govt. of India. PRC incorporates works related to clinical/medical and various translational research. PRC bears Institutional Animal Ethics Committee (IAEC) and animal house facility which is in accordance with CCSEA. The Institutional Review Board (IRB) is registered with DHR and CDSCO, Govt. of India that facilitates Phase- III & IV Clinical Trials. With active MoUs with International and National entities, both in government and private, PRC stands as a hub of interdisciplinary research excellence. Bioradiance is the annual conference series of PRC that serves as a beacon of research excellence for the Centre.

### Kerala Academy of Sciences

Kerala Academy of Sciences (KAS) is a premiere professional body of scientists, academicians, technocrats, medical professionals, and science managers established in 1989, with its headquarters in Thiruvananthapuram, and has more than 750 life members. The major objectives of KAS are science popularization in the state, promotion of scientific temper and to provide an interdisciplinary platform for exchange of ideas among scientists and technologists. Towards fulfilling the goals the academy organises various programmes including outreach programmes school students, meetings for the general public and also international seminars on specialized topic, commemorative lectures, endowment programmes and observance of major science and technology days across the state of Kerala.

### Bioradiance 2025

Pushpagiri Research Centre (PRC), in collaboration with the Kerala Academy of Sciences (KAS), proudly presents the 13th International Conference – Bioradiance 2025. This prestigious event will serve as a dynamic platform for scientists, researchers, healthcare professionals, and students to explore cutting-edge advancements in biochemistry, molecular biology, nanoscience, cancer biology, neurodegenerative disease, immunology, precision medicine, dentistry, phytopharmaceuticals etc. With the theme "From Molecules to Medicine: Bridging Biochemistry and Therapeutics", Bioradiance 2025 aims to foster interdisciplinary discussions that translate fundamental biochemical discoveries into clinical and therapeutic applications. The conference will feature keynote lectures, panel discussions, oral and poster presentations, bringing together leading experts to address contemporary challenges and innovations in biomedical sciences. A unique highlight of Bioradiance 2025 will be a special session on family resilience, emphasizing the intersection of medical research and community well-being. We invite researchers, academicians, and industry professionals to participate, present their findings, and collaborate towards advancing global healthcare solutions.

### Thrust Areas

Drug Discovery and Development, Biologics and Biosimilars, Structural Biology and Drug Targeting, Metabolic Pathways in Health and Disease, Therapeutic Antibodies and Engineered Proteins, Bioinformatics, Cancer

Metabolism and Therapeutics, Tissue Engineering and Regenerative Biology, Neurodegenerative Disease Biomarkers and Treatments, Immunology and Inflammation, Precision and Personalized Medicine, Phytochemistry and Phytopharmaceuticals, Advancements and Trends in Modern Dentistry, Integration of Omics into Translational Research, Family Resilience

### Who can Participate?

Undergraduate, Postgraduate, Doctoral Students from Life sciences, Medicine, and Allied fields; Postdoctoral Researchers seeking to present their findings or network with experts; Faculty Members and Academicians from Universities and Research institutions; Scientists and Researchers working in Biomedical, Biochemical, and Clinical Research; Medical Professionals and Clinicians interested in Translational and Therapeutic Research; Industry Experts and Representatives from Pharmaceutical, Biotechnology, and Healthcare Sectors; Policy Makers and Government Representatives involved in Health and Research Funding; Non-Governmental Organizations (NGOs) and Community Health Workers

## PROGRAMME SCHEDULE

### Day 1: 17.06.2025 (Tuesday)

8 am - 9 am	: Registration
9 am - 9.30 am	: Plenary Session
9.30 am - 10.15 am	: Inauguration
10.15 am - 10.45 am	: Tea Break
10.45 am - 12.45 pm	: Invited Sessions
12.45 pm - 1.15 pm	: Technical Session
1.15 pm - 2.30 pm	: Lunch Break
2.30 pm - 3.30 pm	: Oral and Poster Presentations
3.30 pm - 4 pm	: Invited Session
4 pm - 4.30 pm	: Tea Break
4.30 pm - 5.00 pm	: Technical Session
5.00 pm - 6.30 pm	: Panel Discussion
6.30 pm - 7.30 pm	: Cultural Programmes
7.30 onwards	: Dinner

### Day 2: 18.06.2025 (Wednesday)

9 am - 10.30 am	: Invited Sessions
10.30 am - 11 am	: Tea Break
11 am - 1 pm	: Invited Sessions
1 pm - 2.30 pm	: Lunch Break
2.30 pm - 3 pm	: Technical Session
3 pm - 3.30 pm	: Tea Break
3.30 pm - 5 pm	: Valedictory Function

## PATRONS



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Mar Koorilos  
Metropolitan Archbishop of Thiruvalla



Dr. (Prof.) G M Nair  
President KAS



Fr. Dr. Biju Varghese  
CEO, Pushpagiri Group of Institutions

## SPEAKERS AT A GLANCE

### Inauguration



Dr. Sanjay Behari  
Director, SCTIMST



Dr. E. Sreekumar  
Director, IAV



Dr. C.N. Ramchand  
CEO & Co-Founder, Maggenome Tech



Dr. A. Sreekumar  
Chairman, Wellness Solutions



Dr. Ruby John Anto  
Chief Scientist, CoEN



Dr. Rajeev Jayadevan  
Convenor Research Cell  
Kerala State IMA



Dr. Bipin Kumar G. Nair  
Dean & Director  
Amrita Vishwa Vidyapeetham



Dr. Christian Demitri  
Associate Professor  
University of Salento



Dr. Biji Bahuleyan  
Neurosurgeon,  
Lisie Hospital



Dr. Sreejith N Kumar  
Diabetologist, NIMS  
Medicity



Dr. (Prof.) A. Sabu  
Member Secretary, KSCSTE



Dr. Venkatesh S  
Associate Professor  
West Virginia University



Dr. Sadeesh E M  
Senior Scientist, NDRI



Dr. Sreejith Panicker  
General Secretary, KAS



Dr. Rameshkumar  
Principal Scientist, JNTBGRI



Dr. Finosh G Thankam  
Assistant Professor,  
Western University of  
Health Sciences



Dr. Michelle Thomas  
Senior Lecturer  
University of South Wales



Prof. Carolyn Wallace  
Professor  
University of South Wales



Prof. David Pontin  
Emeritus Professor  
University of South Wales



Mrs. Anitha Livingstone  
Senior Lecturer  
University of South Wales

## SPEAKERS AT A GLANCE



**Dr. Sanjay Behari**  
*Director, SCTIMST*



**Dr. E. Sreekumar**  
*Director, IAV*



**Dr. C.N. Ramchand**  
*CEO & Co-Founder, Maggenome Tech*



**Dr. A. Sreekumar**  
*Chairman, Wellness Solutions*



**Dr. Ruby John Anto**  
*Chief Scientist, CoEN*



**Dr. Rajeev Jayadevan**  
*Convenor Research Cell  
Kerala State IMA*



**Dr. Bipin Kumar G. Nair**  
*Dean & Director  
Amrita Vishva Vidyapeetham*



**Dr. Christian Demitri**  
*Associate Professor  
University of Salento*



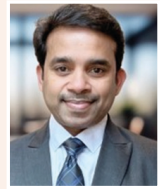
**Dr. Biji Bahuleyan**  
*Neurosurgeon,  
Welcare Hospital*



**Dr. Sreejith N Kumar**  
*Consultant, Diabetes  
Care Centre*



**Dr. (Prof). A. Sabu**  
*Member Secretary, KSCSTE*



**Dr. Venkatesh S**  
*Associate Professor  
West Virginia University*



**Dr. Sadeesh E M**  
*Senior Scientist, NDRI*



**Dr. Finosh G Thankam**  
*Assistant Professor,  
Western University of  
Health Sciences*



**Dr. Hussain Ali**  
*Associate Director, Infectious  
Diseases & Immunology  
Abbott Care Diagnostics*



**Dr. Michelle Thomas**  
*Senior Lecturer  
University of South Wales*



**Prof. Carolyn Wallace**  
*Professor  
University of South Wales*



**Prof. David Pontin**  
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# SCIENTIFIC PROGRAMME

## BIORADIANCE 2025

Day 1: 17<sup>th</sup> JUNE 2025 (TUESDAY)

VENUE: SENATE HALL

REGISTRATION : 8.00 am - 9.00 am

INAUGURAL CEREMONY : 9.15 am - 10.15 am

TEA BREAK : 10.15 am – 10.45 am

### SESSION I : 10.45 am – 1.00 pm

SPL-01 10.45 am – 11.30 am	<b>Prof. Sanjay Behari</b> <i>Director, SCTIMST, Trivandrum and HOD Neurosurgery, SGPGIMS, Lucknow</i>	Publications in Sciences: A self improvement exercise or drudgery?
KL-01 11.30 am – 12.00 pm	<b>Dr. E. Sreekumar</b> <i>Director, Institute of Advanced Virology, Thonnakkal, Thiruvananthapuram</i>	From viruses to pseudoviruses: emerging possibilities
IL-01 12.00 pm – 12.30 pm	<b>Dr. Venkatesh Sundararajan</b> <i>Associate Professor, West Virginia University School of Medicine, USA.</i>	Mitochondrial LonP1 Safeguards Inner-Membrane Integrity and Energetic Maturation of the Heart
IL-02 12.30 pm – 1.00 pm	<b>Dr Ruby John Anto</b> <i>Chief Scientist, Centre of Excellence in Nutraceuticals, Thiruvananthapuram</i>	Nutraceuticals: A Comprehensive Insight into Their Therapeutic, Preventive, and Functional Benefits

LUNCH BREAK : 1.00 pm – 2.00 pm

### SESSION II : 1.00 pm – 3.30 pm

IL-03 2.00 pm – 2.30 pm	<b>Dr. Rajeev Jayadevan</b> <i>Convenor Research Cell, Kerala State Indian Medical Association, Kochi</i>	Sharpening our Scientific Perspective
IL-04 2.30 pm – 3.00 pm	<b>Dr. C N Ramchand</b> <i>CEO, Co-founder and CSO, MagGenome Technologies Pvt. Ltd., Cochin and Saksin Lifesciences Pvt. Ltd. Chennai</i>	Discovery, Preclinical and Clinical Development of Synthetic anti- VEGF FAB for Treating wet-Macular Degeneration and Diabetic Retinopathy
TS-01 3.00 pm – 3.30 pm	<b>Dr. Hussain Ali</b> <i>Associate Director, Infectious Diseases and Immunology, Medical and Scientific Research, Abbott Core Diagnostics, India</i>	Revolutionizing HCV Diagnosis. The role of core antigen testing.

TEA BREAK : 3.30 pm – 4.30 pm

**SESSION III : 1.00 pm – 6.00 pm**  
**ORAL/ POSTER PRESENTATIONS (PARALLEL SESSION)**

**SESSION IV : 4.30 pm – 6.00 pm PANEL DISCUSSION**

**Prof. (Dr). G M Nair**, *President, KAS*

**Dr. E. Sreekumar**, *Director, IAV*

**Dr. Venkatesh Sundararajan**, *Associate Professor, West Virginia University*

**Dr. Ruby John Anto**, *Chief Scientist, CoEN*

**Dr. Rajeev Jayadevan**, *Convenor Research Cell, Kerala State IMA*

**Dr. C.N. Ramchand**, *CEO & Co- Founder, Maggenome Technologies*

**Dr. Hussain Ali**, *Associate Director Infectious Diseases, Immunology*

**Dr. Sreejith P**, *General Secretary, KAS*

**Dr. Ramesh Kumar**, *Principal Scientist, JNTBGRI*

**Dr. Christian Demitri**, *Associate Professor, University of Salento*

**Dr. Sadeesh EM**, *Senior Scientist NDRI, Karnal*

**Dr. Finosh G Thankam**, *Assistant Professor, Western University of Health Sciences*

**Rev. Dr. Mathew Mazhavancheril**, *Director, Pushpagiri Medicity & PRC*

**Dr. Soumya R S**, *Scientist, PRC*

**Dr. Ajay Krishnan U**, *Scientist, PRC*

**Dr. K Vijayakumar**, *Former Senior Principal Scientist, KSCSTE*

**Dr. Renjith P Nair**, *Scientist D, SCTIMST*

**Dr. Pradeep Kumar**, *Emeritus Scientist, University of Kerala*

**Mr. George Varghese**, *Assistant Professor, PIMSRC*

**Dr. Nebu George Thomas**, *Professor and Scientist, Pushpagiri College of Dental Sciences & PRC*

**Dr. Aniket Naha**, *Scientist, PRC*

**Dr. Ampadi A N**, *Veterinary Officer, PRC*

**Dr. Rosin George Varghese**, *Assistant Professor, PIMSRC*

**Dr. Betsy A Jose**, *Assistant Professor, PIMSRC*

**Dr. Reeba Mary Isaac**, *Assistant Professor, PIMSRC*

**Mrs. Nisha Kurian**, *Assistant Professor, PIMSRC*

**Dr. Meena Issac**, *Assistant Professor PIMSRC*

**CULTURAL PROGRAMMES: 6.00 pm – 7.30 pm**

**DINNER : 7.30 pm onwards**

Day 2: 18 <sup>th</sup> JUNE 2025 (WEDNESDAY)		VENUE: SENATE HALL
SESSION V : 9.00 am – 10.30 am		
IL-05 9.00 am – 9.30 am	<b>Dr. Bipin Nair</b> <i>Dean &amp; Director, Amrita School of Biotechnology, Amrita Vishwa Vidyapeetham, Kerala, India</i>	Integrating Traditional and Conventional Approaches to Combat Antimicrobial Resistance
IL-06 9.30 am – 10.00 am	<b>Dr. A. Sreekumar</b> <i>Founder – Nutrigenomics; Well Genome; Wellness Solutions; Soukhyia Foundation</i>	Precision Medicine – Biochemical Intervention to Balance Genes and Health
IL-07 10.00 am – 10.30 am	<b>Dr. Christian Demitri</b> <i>Associate Professor, University of Salento, Italy</i>	Design of materials for tissue engineering and smart medical devices applications
TEA BREAK : 10.30 am -11.00 am		
SESSION VI : 11.00 am – 1.00 am		
IL-08 11.00 am – 11.30 am	<b>Dr Biji Bahuleyan</b> <i>Head of Neurosciences and Neurosurgery, Welcare Hospital, Vyttila, Ernakulam. Former Neuro-Oncology Fellow, Cleveland Clinic.</i>	Using "Intrinsic white matter tract anatomy of the brain" to maximize safe resection of brain tumours
IL-09 11.30 am – 12.00 pm	<b>Dr. Sreejith N Kumar</b> <i>Consultant, Diabetes Care Centre Thiruvananthapuram, National Chairman, IMA Food and Nutrition Initiative</i>	Deciphering life style codes for human health
IL-10 12.00 pm – 12.30 pm	<b>Dr. Sadeesh E. M</b> <i>Senior Scientist, ICAR- National Dairy Research Institute, Karnal, Haryana, India</i>	Genomic Insights Into Milk Linked Mitochondrial Variations Using Whole Mitochondrial Genome Analysis In Indigenous Bovines
IL-11 12.30 pm – 1.00 pm	<b>Dr. Finosh Thankam</b> <i>Assistant Professor, Western University of Health Sciences, Pomona, California, USA</i>	Endogenous myocardial stem cells for heart regeneration
LUNCH BREAK : 1.00 pm – 2.00 pm		
SESSION VII : 2.00 pm – 3.00 pm		
TS-02 2.00 pm – 2.30 pm	<b>Dr. Michelle Thomas</b> <i>Senior Lecturer, University of South Wales, United Kingdom &amp;</i> <b>Dr. David Pontin</b> <i>Emeritus Professor, University of South Wales, United Kingdom</i>	Cultural Insights into the Family Resilience Assessment Tool (FRAIT) in the UK and India
TS-03 2.30 pm – 3.00 pm	<b>Prof. Carolyn Wallace</b> <i>Professor, University of South Wales, United Kingdom &amp;</i> <b>Mrs. Anitha Livingstone</b> <i>Senior Lecturer, University of South Wales, United Kingdom</i>	Family Resilience in India: Bridging Literature and Practice through FRAIT in Kerala
TEA BREAK: 3.00 pm – 3.30 pm		
VALEDICTORY CEREMONY : 3.30 pm – 5.00 pm		