

Fee Details attached below

Participation Type	Participation category	Early Bird (Up to 1-05-2026)	Late Registration (Up to 20-05-2026)	Spot Registration
<b>Day 1 (29-05-2026) Laboratory Animal Research Work shop</b>				
Participation (Online)	Student- BSc/MSc/equivalent	₹500 (\$ 5.3)	₹550 (\$ 5.85)	Nil
	Research Scholar/MD/DNB/PhD/equivalent	₹550 (\$ 5.85)	₹600 (\$ 6.38)	Nil
	Post-Doctoral Fellow/ Faculty/Scientist/ Industry	₹600 (\$ 6.38)	₹650 (\$ 6.92)	Nil
Participation (Offline)	Student- BSc/MSc/equivalent	₹600 (\$ 6.38)	₹650 (\$ 6.92)	₹700 (\$ 7.45)
	Research Scholar/MD/DNB/PhD/equivalent	₹650 (\$ 6.92)	₹700 (\$ 7.45)	₹750 (\$ 7.98)
	Post-Doctoral Fellow/ Faculty/Scientist/ Industry	₹700 (\$ 7.45)	₹750 (\$ 7.98)	₹800 (\$ 8.51)
Participation in innovative idea session (Online Competition)	Student- BSc/MSc/equivalent	₹500 (\$ 5.3)	₹550 (\$ 5.85)	Nil
	Research Scholar/MD/DNB/PhD/equivalent	₹550 (\$ 5.85)	₹600 (\$ 6.38)	Nil
	Post-Doctoral Fellow/ Faculty/Scientist/ Industry	₹600 (\$ 6.38)	₹650 (\$ 6.92)	Nil
<b>Day 2 (30-05-2026) Life science conference with oral &amp; poster competitions</b>				
Participation (Online)	Student- BSc/MSc/equivalent	₹500 (\$5.3)	₹550 (\$5.85)	NIL
	Research Scholar/MD/DNB/PhD/equivalent	₹550 (\$5.85)	₹600 (\$6.38)	NIL
	Post-Doctoral Fellow/ Faculty/Scientist/ Industry	₹600 (\$6.38)	₹650 (\$6.92)	NIL
Participation (Offline)	Student- BSc/MSc/equivalent	₹600 (\$6.38)	₹650 (\$6.92)	₹700 (\$ 7.45)
	Research Scholar/MD/DNB/PhD/equivalent	₹650 (\$6.92)	₹700 (\$ 7.45)	₹750 (\$ 7.98)
	Post-Doctoral Fellow/ Faculty/Scientist/ Industry	₹700 (\$ 7.45)	₹750 (\$ 7.98)	₹800 (\$ 8.51)
Participation in Oral/Poster competition	Student- BSc/MSc/equivalent	₹750 (\$ 7.98)	₹800 (\$ 8.51)	NIL
	Research Scholar/MD/DNB/PhD/equivalent	₹800 (\$ 8.51)	₹850 (\$ 9.04)	NIL
	Post-Doctoral Fellow/ Faculty/Scientist/ Industry	₹850 (\$ 9.04)	₹900 (\$ 9.58)	NIL

FOR CONFERENCE REGISTRATION →



[https://docs.google.com/forms/d/e/1FAIpQLSc78p4cMDPF6l0je5-o\\_krYZDEt01myP95b01\\_OppQ7zoCHA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSc78p4cMDPF6l0je5-o_krYZDEt01myP95b01_OppQ7zoCHA/viewform)

**Abstract Submission**

Send your abstract in prescribed format to [bioradiance2026@pimsr.edu.in](mailto:bioradiance2026@pimsr.edu.in)

**Format Requirements:** Title, Author name, Affiliation, Abstract (300 words)

**Important Deadline:** Last date for abstract submission: May 15, 2026.

**Note:**

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

**ORGANIZING COMMITTEE**

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- Dr. Betsy A Jose, Assistant Professor, PRC
- Dr. Dayana K, Scientist, PRC
- Mr. George Varghese, Assistant Professor, PRC
- Dr. Nebu George Thomas, Professor and Scientist, PRC
- Mrs. Nisha Kurian, Assistant Professor, PRC
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- Dr S. Sasi Kumar, Professor, Dept of Chemistry, VIT

**Contact Details**

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Official Website: <https://www.prc.pushpagiri.in>

Nearest Airport: Kochi (113 km) & Trivandrum International Airport (130km)

Nearest Railway Station: Tiruvalla (TRVL) (1.6 km)

Nearest Bus Station: Tiruvalla KSRTC (1.6 km)



**14<sup>th</sup> International Conference  
Bioradiance 2026**



Theme:

**“Life Tech Conference:  
Bridging Biology, Medicine  
and Biotechnology”**

Organizers:

**Pushpagiri Research Centre (PRC)**

Event Dates: **29 & 30<sup>th</sup> May 2026**

Venue: **Senate Hall**

**Pushpagiri Institute of Medical Sciences &  
Research Centre (PIMS & RC)**

Tiruvalla, Kerala



## Pushpagiri Research Centre (PRC)

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. 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. Bioradiance is the annual conference series of PRC that serves as a beacon of research excellence for the Centre.

### Bioradiance 2026

#### “Life Tech Conference: Bridging Biology, Medicine and Biotechnology”

Pushpagiri Research Centre (PRC), proudly presents the 14<sup>th</sup> International Conference – Bioradiance 2026. This prestigious event will serve as a dynamic platform for scientists, researchers, healthcare professionals, and students to explore cutting-edge advancements in laboratory animal science, molecular biology, nanoscience, cancer biology, neurodegenerative disease, immunology, precision medicine, dentistry, pharmacology etc.

With the theme “Life Tech Conference: Bridging Biology, Medicine and Biotechnology”, Bioradiance 2026 aims to foster interdisciplinary discussions that translate fundamental biochemical discoveries into clinical and therapeutic applications. The conference will feature keynote lectures, oral and poster presentations, bringing together leading experts to address contemporary challenges and innovations in biomedical sciences. We invite researchers, academicians, and industry professionals to participate, present their findings and collaborate towards advancing global healthcare solutions.

### Thrust Areas

The conference covers a broad spectrum of biomedical and life sciences, including:

- Translational Research & the 3Rs Principle
- Smart Biomaterials & Regenerative Dentistry

- Precision Oncology & Pharmacogenomics
- Bioinformatics & Computational Life Sciences
- Advanced Immunology & Infectious Diseases
- Tissue Engineering & Polymeric Scaffolds
- Mitochondrial Bioenergetics & Functional Landscape
- Advanced Analytical Chemistry & Hyphenated Techniques
- Molecular Biology & Genetic Engineering
- Comparative Anatomy & Species-Specific Research

### Who can Participate?

- Students: Undergraduate, Postgraduate, and Doctoral students in Life Sciences, Medicine, and Allied fields.
- Researchers: Postdoctoral researchers and scientists in Biomedical, Biochemical, and Clinical research.
- Academics: Faculty members and academicians from universities and research institutions.
- Medical Professionals: Clinicians interested in translational and therapeutic research.
- Industry & Policy: Representatives from Pharmaceutical, Biotech, and Healthcare sectors; Policy Makers and Government funding representatives.
- Community: NGOs and Community Health Workers.

### Accommodation

The Participants can opt the following accommodation facilities available near to the institute

Si.no	Hotel name	Available room Options with rate/day	Contact details
1.	Bodhana	Dormitory (Gents): 175/- per head Dormitory (Ladies): 175/- per head Sharing Room: 500/- per head	bodhana.hr@gmail.com Ph: +91 90378 90448 +91 94005 02740
2.	Santhinilayam	Sharing room: 420 Single room: 840	Ph: +91 8078390259 +91 94005 02740

For stay related assistance : Mr Nikhil Krishnan (Ph: +91 81138 42267)

## PROGRAMME SCHEDULE

### Day 1: Laboratory Animal Research Work Shop (29.05.2026 Friday)

Time	Details	Speaker
9.30-3.40 pm	Technical session (Senate Hall)	Full details attached below
9.30- 10 am	Multiscale Design of Polymeric Scaffolds for Bone Tissue Engineering	<b>Dr. Vineeth Vijayan (Assistant Professor)</b> <i>Engineering at Alabama State University, USA</i>
10-10.40 am	Ethical Considerations and 3Rs (Replacement, Reduction, Refinement) in Translational Research	<b>Dr Sachin J Shenoy (Scientist 'G')</b> <i>Division of In vivo Models and Testing Department of Applied Biology Sree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram, Kerala</i>
10.40- 11.20 am	Comparative Anatomy of Key Lab Species: Insights into Rats, Mice, Rabbits, and Guinea Pigs	<b>Dr. Harshad Patki (Assistant Professor)</b> <i>Dept. of Veterinary Anatomy and Histology, Kerala Veterinary and Animal Sciences University, Wayanad, Kerala</i>
11.20am- 12.00 pm	Feeding Strategies for Laboratory Animals: Balancing Diet and Welfare	<b>Dr. Biju Chacko (Professor &amp; Head)</b> <i>Dept. of Animal Nutrition, Kerala Veterinary and Animal Sciences University, Wayanad, Kerala</i>
12.00-12.40pm	Preclinical Evaluation of Biomaterials in-vivo models	<b>Dr Nebu George Thomas (Scientist)</b> <i>Dept. of Periodontics, Pushpagiri College of Dental Sciences, Pathanamthitta, Kerala</i>
12.40-1.40 pm	<b>Lunch Break</b>	
1.40-2.20 pm	Decoding the Mitochondrial Functional Landscape: Bioenergetic and Biogenic Insights from the Animal Model	<b>Dr. Sadeesh EM (Senior Scientist)</b> <i>Animal Biochemistry Division, National Dairy Research Institute, Karnal, Haryana</i>
2.20-3.00 pm	Microbial cellulose based formulations for wound therapy	<b>Dr. Sanosh Padmanabhan (Researcher)</b> <i>Department of Engineering for Innovation, University of Salento, Italy</i>
3.00-3.40 pm	Biomedical Polymers and Implants: A Clinical Viewpoint	<b>Dr. Rojin Abraham (Senior Consultant &amp; HOD)</b> <i>Dept of Neurosurgery, Believers Church Medical College Hospital, Pathanamthitta, Kerala</i>
10.00am- 2.00pm	Innovative Idea Session competition (Skill lab)	

### Day 2: Life Science Conference with oral & Poster Competitions (30.05.2026 Saturday)

Time	Details	Speaker
9.00am- 10 am	Official inauguration	
10am-3.00 pm	Technical session (Senate Hall)	Full details attached below
10-10.40 am	Advances in Immunology and Infectious Diseases	<b>Dr Ramesh Nachimuthu (Associate Professor)</b> <i>Department of Bio-Medical Sciences, School of Bio Sciences and Technology, Vellore Institute of Technology</i>
10.40-11.20 am	Pharmacogenomics in Oncology: Matching drugs to Molecular Identities	<b>Dr. Melvin George (Professor)</b> <i>Centre For Clinical Pharmacology</i>
11.20am-12 pm	Indo-German Collaboration in Dental Genetics: Translational Perspectives from Genetic Risk to Biomarker Discovery	<b>Dr. Rer. Nat. Avneesh Chopra (Researcher)</b> <i>Charité - Universitätsmedizin Berlin, Department of Periodontology, Oral Medicine and Oral Surgery</i>
12-12.40pm	Bioinformatics and Computational Life Sciences	<b>Dr Anand Anbarasu (Professor &amp; Associate Dean)</b> <i>Medical &amp; Biological Computing Laboratory Vellore Institute of Technology-VIT</i>
12.40-1.40 pm	<b>Lunch Break</b>	
1.40-2.20 pm	Design of smart materials for biomedical applications	<b>Prof. Christian Demitri (Associate Professor)</b> <i>Department of Engineering for Innovation of the University of Salento</i>
2.20-3.00 pm	Mapping Translational Life Sciences: A Tesser Scope-driven Knowledge Mining of Biomaterials, Regenerative Medicine and Clinical Applications	<b>Dr. Fernando Gomes de Souza Junior</b> <i>Biopolymers &amp; Sensors Lab - Macromolecules Institute - Universidade Federal do Rio de Janeiro</i>
10.00-2.00 pm	<b>Technical session II Oral and poster presentation competitions (Skil Lab)</b>	
3.00-4.00 pm	<b>Valedictory Function</b>	

## Scientific Thrust Areas for Innovation

- COMPUTATIONAL DRUG DISCOVERY & NEXT-GENERATION THERAPEUTICS
- TRANSLATIONAL REGENERATIVE MEDICINE & BIOMATERIAL EFFICACY PROFILING
- CLINICAL EPIDEMIOLOGY & DIGITAL PUBLIC HEALTH INTERVENTIONS
- PHYTO-PHARMACOLOGY & NUTRACEUTICAL DEVELOPMENT
- DIAGNOSTIC & THERAPEUTIC STRATEGIES FOR EMERGING INFECTIOUS DISEASES
- MOLECULAR PATHOGENESIS & TARGETED THERAPEUTICS FOR METABOLIC DISORDERS
- ETHICAL INNOVATIONS IN PRE-CLINICAL IN VIVO MODELING

**AS PART OF BIORADIANCE 2026:** The Pushpagiri Research Centre (PRC) is launching SYNAPSE—a unique, YIP-modelled platform for young innovators in Biotechnology, Healthcare, and Laboratory Animal Research.

**WHO CAN PARTICIPATE:** Graduates & Post Graduates of Life Science and Related Fields.

**PHASE 1-THE NEURAL SPARK:** ONLINE PITCH (3-Page Concept Note + 3 Minute Video Pitch. Submit on or before: 15-05-2026)

**PHASE 2-THE ACTION POTENTIAL:** ONLINE PRESENTATION for Finalists (5 Minutes Presentation + 3 Minutes Q&A on 25-05-2025)

**PHASE 3-THE SYNAPTIC JUMP:** THE PRIZE: FREE RESEARCH RESIDENCY at Your Lab of Choice at Pushpagiri Research Centre with a RESEARCH GRANT Worth ₹25,000 (First Prize) ₹20,000 (Second Prize) to Conceptualize Your Idea.

\*\*\*  
**THE WINNERS RECEIVE THE "GOLDEN TICKET":**  
A Free Research Residency at our world-class facilities, including the NEWLY RENOVATED ANIMAL HOUSE and advanced diagnostic labs.  
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### FOR REGISTRATION



<https://forms.gle/3JQLhiPbXNs6M1CFA>

### Contact Details

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Official Website: <https://www.prc.pushpagiri.in>

# SYNAPSE

## THE PRC INNOVATION BRIDGE

Where Your Hypothesis Meets Our Infrastructure

14<sup>TH</sup> INTERNATIONAL CONFERENCE  
**BIORADIANCE 2026**