

**INTERNATIONAL SYMPOSIUM
&
XXXIII ANNUAL CONFERENCE OF SOCIETY OF ANIMAL PHYSIOLOGISTS OF INDIA (SAPI)
ON**

**EMERGING HORIZONS TO ANIMAL PHYSIOLOGY:
REDEFINING INNOVATIONS AND SUSTAINABILITY**

FIRST ANNOUNCEMENT



FEBRUARY 25-27, 2026

ORGANISED BY
DEPARTMENT OF VETERINARY PHYSIOLOGY,
RAJIV GANDHI INSTITUTE OF VETERINARY EDUCATION AND RESEARCH,
PUDUCHERRY, INDIA.
IN COLLABORATION WITH
SOCIETY OF ANIMAL PHYSIOLOGISTS OF INDIA (SAPI)

WELCOME MESSAGE

Animal physiology plays a fundamental role in advancing sustainable animal production by optimizing productivity, health, and resource efficiency. Understanding physiological processes such as metabolism, hormone action, reproduction, and stress adaptation helps in developing resilient livestock breeds that can thrive in changing environmental & unfavourable conditions. In the face of climate change, growing food demand, and environmental sustainability challenges, animal physiology must adapt to address critical issues in productivity, health, and ecological balance.

The need of the hour is to integrate and redefine cutting-edge innovations such as genomics, biotechnology, and precision farming to enhance disease resistance, thermal tolerance, and metabolic efficiency in animals. Research on microbiomes, alternative protein sources, and eco-physiology is essential for minimizing resource consumption and reducing environmental impact on animals.

In the current scenario, biotechnological tools such as gene editing, proteomics and metabolomics, Assisted Reproductive Technologies (ARTs), cloning and precision livestock farming powered by Artificial Intelligence (AI) are revolutionizing animal physiology by driving sustainability and ensuring efficient eco-friendly animal production systems.

The limited exchange of ideas among scientific community regarding technological advancements in animal production poses a significant challenge to sustainability and efficiency. Gaps in collaboration hinder the widespread adoption of these innovations. Addressing these challenges through global collaborations or industry-academia-farmer interactions is crucial for leveraging technology to achieve sustainable and optimized animal production.

With the growing challenges of climate change, resource scarcity, and increasing demand for animal-derived products, it is crucial to explore innovative strategies for sustainable animal production. On this background, the present conference on **"Emerging Horizons to Animal Physiology: Redefining Innovations and Sustainability"** aims to highlight the role of innovative advancements in animal physiology which contribute to long-term sustainability in livestock management and help in bridging gaps between scientific discovery and real-world applications.

This conference serves as a platform for researchers, industry experts, farmers and policymakers to exchange knowledge and discuss innovations that redefine animal physiology in the context of sustainability. By connecting emerging technologies and interdisciplinary approaches, we can enhance productivity, minimize environmental impact, and ensure the long-term viability of animal production systems.

Society of Animal Physiologists of India (SAPI) was officially established in February 1986, under the Societies Registration Act. The prime objectives of SAPI are to promote professional interaction, academic understanding, advancement of Animal Physiology and allied subjects by promoting and encouraging collaborative scientific research and provide a forum for exchange of knowledge and ideas. RIVER along with SAPI wholeheartedly welcomes the National and International scientists, faculty and students to the International Symposium and XXXIII Annual Conference of SAPI at Puducherry, the Paris of the East. We look forward to your active participation with your rich contributions and lively discussions to further redefine innovations and to discover the multidimensional approach for expanding frontiers in Animal Physiology for profitable livestock production and sustainability.

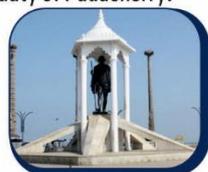
ABOUT PUDUCHERRY

The Union Territory of Puducherry comprises the former French establishments of Puducherry, Karaikal, Mahe and Yanam, which lie scattered in South India. Puducherry, the capital of the Territory was once the original headquarters of the French in India, is situated on the Coromandel Coast of the Bay of Bengal and is about 150 kms from Chennai Airport. It is bounded on the east by the Bay of Bengal and on the three sides by land. All the regions of Puducherry were under the French rule for 138 years. On November 1, 1954, the French possessions in India were de facto transferred to the Indian Union and became a Union Territory. But only in 1963, Puducherry became officially an integral part of India.

Puducherry is a peaceful city. It is referred by names such as 'Quintessence of French Culture', 'India's Little France' and 'The French Riviera of the East'. The French flavor lingers as evidenced by the grand colonial mansions, beautiful boulevards, and placid promenades, spellings on sign boards and buildings, names of roads and public places.

The uniqueness of Puducherry town invariably lies in skillful town planning and Franco Tamil architecture. The Union Territory with legislature extends over an area of 479 Sq. Kms. Total population of the Union Territory is 12,44,464 with a literacy rate of 86.55%.

February in Puducherry is a perfect time to visit, as the weather is wonderfully pleasant. The days are warm and sunny, with temperatures ranging from 23°C to 29°C, creating a comfortable atmosphere for outdoor activities and sightseeing. With minimal rainfall, you can expect clear skies and beautiful evenings. The gentle sea breeze adds to the charm of this coastal paradise, making it an ideal time to explore the vibrant culture, serene beaches, and scenic beauty of Puducherry.



ABOUT INSTITUTE



Rajiv Gandhi Institute of Veterinary Education and Research (RIVER) is fully funded by the Government of Puducherry and affiliated to the Pondicherry University and established as per VCI regulations. Since its inception in 1994, the institute has made spectacular progress owing to the excellent support extended by the Government of Puducherry. All the academic departments have been established as per the mandatory stipulations of the Veterinary Council of India (VCI) and the current faculty strength is 51. The faculty are from reputed colleges and institutions of the country. Currently, the institute admits 100 students for its 5½ year B.V.Sc. & A.H. degree program. The Institute also offers Post Graduate Program in 15 disciplines & Ph.D. programs in 5 disciplines. The institute has Memorandum of Understanding (MOU) with several National and International Universities. In recognition of its dedicated services in the area of Veterinary Education and Research, the UGC has awarded 2(f) and 12(B) status and NAAC has awarded B+ grade to this institute. For the excellent work carried out during the year 2022, the prestigious Chief Minister's award for Excellence in Public Administration was awarded to this institute on Aug. 15, 2023.

TECHNICAL SESSIONS

SESSION 1 Inaugural and Plenary Session

SESSION 2 Challenges and strategies associated with climate smart livestock farming

SESSION 3 Innovations and technological advancements in animal production and nutrition physiology

SESSION 4 Transforming animal physiology through pan-omics technologies

SESSION 5 Recent progresses in systemic physiology of farm and companion animals

SESSION 6 Advances in assisted reproductive technologies in domestic animals

SESSION 7 Recent developments in animal behaviour, welfare research and wild life physiology

SESSION 8 Multidisciplinary approaches to clinical physiology in ensuring animal health

SESSION 9 Farmers-Scientists-Academy-Industry interface meet

SESSION 10 Young scientist award presentation

SESSION 11 Impact of climate on physiological aspects of poultry production

SESSION 12 National SAPI Quiz

SESSION 13 Valedictory Session

ABSTRACT SUBMISSION

The Organizing Committee of SAPICON 2025, invites members, scientists, faculty and students to submit abstracts of original and quality research limited to 300 words (in A4 size, Times New Roman, Font size-12, 1.5-line space). The abstract should have title (in CAPITAL case), name of the authors (last name followed by initials), affiliation and e-mail address of presenting author. The abstract should include background, objectives, methods, results and conclusions (continuously without any sub headings). The name of the presenting author should be underlined. Abstract should be submitted by email to sapi2025river@gmail.com on or before **15.01.2026**. The session in which the abstract is to be included should be indicated. The abstracts will be screened and the acceptance will be intimated. The presenting author must be registered for the conference on or before **31.01.2026** for inclusion of their abstract in the compendium. The authors will be solely responsible for any dispute that arise. The number of abstracts per presenting author is limited to two. Students should indicate if it is part of their research work.

AWARDS

Each session of the conference will have oral and poster presentations. "Best Paper Award" for best paper presentation (oral) and 'Dr. J.N. Pandey Memorial Award' for best poster presentation will be given to those participants who are life members. For these awards there is no need to apply in advance. The softcopy of J. P. Mittal and S.C. Sud for best thesis award should be emailed at sapihq@gmail.com by 15.01.2026. The Society of Animal Physiologists of India will also honour its life members with the following awards, for which a separate application has to be submitted as per the instructions given in the website www.sapi.in.

- ◆ SAPI Fellow Award
- ◆ Dr. A. Roy Memorial Award
- ◆ Prof. M.N. Razdan Memorial Mid-Career Award
- ◆ Dr. D. N. Mullick Award
- ◆ Dr. J. N. Pandey Memorial Best Poster Award
- ◆ Dr. J. P. Mittal Best M.V.Sc. Thesis Award
- ◆ Dr. S. C. Sud Memorial Best Doctoral Thesis Award
- ◆ Young Scientist Award
- ◆ Best Paper & Poster Presentation Award for each session
- ◆ Best Research Paper Award published in a peer-reviewed journal during the year 2024.

The applications/nominations for awards (except sessional awards, oral & poster awards and Best Thesis awards) should be sent to Dr. Ninan Jacob, Organizing Secretary, SAPICON 2025, Professor and Head, Department of Veterinary Physiology, Rajiv Gandhi Institute of Veterinary Education and Research, Kurumbapet, Puducherry - 605009 (Mob. +91 9537923025) by **15.01.2026**. Refer SAPI web site (www.sapi.in) for full details, application formats and eligibility criteria.

MODE OF PRESENTATION

- Lead Papers** : 12 minutes for Power point presentation and 5 minutes for discussion.
- Oral presentation** : Maximum 5 minutes for Power point presentation and 2 minutes for discussion
- Poster presentation** : Informative, attractive and self-explanatory posters with dimensions of 3 ft. (height) x 5 ft. (width)

Note: 1. Students are requested to submit a Bonafide student certificate from the Head of the Institute

2. Registration for the conference is mandatory for acceptance of abstracts/posters to be included in the compendium

REGISTRATION

DELEGATE CATEGORY	ON OR BEFORE 15.01.2026 (₹)	AFTER 15.01.2026 (₹)
SAPI Members	8000	8500
Non-SAPI Members	8500	9000
Accompanying Member	4500	4500
Students	3500	4000
Foreign Delegates	250 USD	300 USD

Mode of Payment : Online and cash (for on-the-spot registration)
Account Name : **SAPICON 2025**
Account Number : **69480100012614**
Bank Name : **Bank of Baroda**
Branch Address : **RAGACOVAS Branch, Puducherry**
IFSC code : **BARBOVJRAJI (Fifth Letter Zero)**
For Registration : Click  <https://forms.gle/8DhU1KNckGjFC8t8>



SPONSORSHIP

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For Sponsorship Booking : Click  <https://forms.gle/2Z9pNHPGBn9Q22ka8>

TRAVEL & ACCOMMODATION

Puducherry is well connected by road, train and air. Chennai airport is around 150 kms away from Puducherry. The Institute is located 8 kms from the bus stand towards Vazhudhavur Road. Accommodation can be arranged in nearby hotels and Guest Houses on self-payment basis. The tariff ranges from **Rs. 2000 to Rs. 6000/- per double room**. Room booking should be made in advance for confirmation of accommodation. For travel and accommodation, details will be shared later. As per availability, accommodation at lesser tariffs can be arranged for students.

IMPORTANT DATES

Early bird Registration (on or before) : **15.01.2026**
Last date of Abstract Submission : **15.01.2026**

ORGANIZING COMMITTEE

Chief Patron : Dr. SHARAT CHAUHAN, I.A.S. Chief Secretary to Govt. of Puducherry
Patron : Shri. YASIN M. CHOUDHARY, I.A.S. Secretary to Govt (Animal Husbandry) cum Chairman, Pondicherry Veterinary College Society, Puducherry
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Organizing Secretary : Dr. NINAN JACOB, Professor and Head, VPY, RIVER
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Treasurer : Dr. (Ms). S. V. BHARUCHA

For Correspondence : **Dr. Ninan Jacob** (Organizing Secretary, SAPICON 2025),
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