

**XXXII**  
**Annual Conference of**  
**Society of Animal Physiologists of India**  
**&**  
**International Symposium**  
**on**

**Advances in Physiological Research in Omics Era for  
Sustainable Animal Production and Livelihood  
Security under the Changing Climatic Scenario**

**November 27-29<sup>th</sup>, 2024**

*Organized By*  
***Division of Cattle Physiology and Reproduction,***  
***ICAR-Central Institute for Research on Cattle (ICAR-CIRC),***  
***Meerut Cantt.- 250 001***  
*Under the aegis of*  
***Society of Animal Physiologists of India (SAPI)***



## FIRST ANNOUNCEMENT

### INVITATION FOR SAPICON-2024

**Dear friends,**

As you may be aware, the Society of Animal Physiologists of India (SAPI) was officially established in February 1986 under the Societies Act with the primary objective of fostering professional interactions and enhancing academic understanding among physiologists. SAPI is deeply committed to advancing the science of Animal Physiology through collaborative research in this field and related subjects. Moreover, it strives to contribute to the economic development of the livestock industry in our country, particularly through interventions in reproductive and nutritional technologies.

In recent years, the challenges posed by an increasing global population and the adverse effects of global warming have intensified, impacting animal health, sustainable production, and livelihood security. As we navigate these challenges, it has become paramount to explore the latest advancements in physiological and genomic research to ensure sustainable and resilient livestock production systems.

On behalf of the SAPI, it is with great pleasure that we extend this invitation to you for our upcoming conference on "Advances in Physiological Research in Omics Era for Sustainable Animal Production and Livelihood Security under the Changing Climatic Scenario" As we navigate the challenges posed by a changing climate and its impact on animal health, sustainable production, and livelihoods, it has become paramount to explore the latest advancements in physiological and genomic research. This conference aims to bring together researchers, academicians, industry experts, policymakers, and stakeholders to share their insights and discoveries in this crucial field.

The conference theme aligns with our commitment to promoting cutting-edge research and innovation in Animal Physiology, with a particular focus on how physiological research in omics era can contribute to the well-being of animals and the sustainability of livestock production. By providing a platform for knowledge exchange and collaborative discussions, we hope to pave the way for more resilient and adaptive practices in the face of a changing climatic scenario.

During the event, you will have the opportunity to engage with renowned experts and scholars through keynote presentations and panel discussion, share your own research findings and contribute to discussions through oral presentations and poster sessions, network with peers and professionals in the field, fostering valuable connections for future collaborations and participate in workshops and training sessions to enhance your understanding of the latest research tools and methodologies.

The Division of Cattle Physiology and Reproduction, ICAR-Central Institute for Research on Cattle (ICAR-CIRC), Meerut Cantt., feels privileged to organize the 32<sup>nd</sup> Annual Conference of the SAPI and International Symposium on "Advances in Physiological Research in Omics Era for Sustainable Animal Production and Livelihood Security under the Changing Climatic Scenario" during November 27 – 29<sup>th</sup>, 2024.

This conference is scheduled for 3 days long scientific sessions including keynote addresses from the renowned academicians across the India and abroad on topics relevant to the theme of the conference. It will also provide a platform for oral presentation and poster presentations to the scientists, researchers, students, stakeholders, entrepreneurs, extension workers and relevant service providers. This gathering of the learned academicians during this international conference will certainly enlighten the professionals, students, field veterinarians and stakeholders. Your active participation in the conference and symposia will make this event memorable for us.

We believe that your expertise and contributions to the field of physiological research in omics era will greatly enrich the conference discussions. For more information on the conference schedule, registration details, and abstract submission guidelines, please feel free to contact our organizing committee at ([sapicon2024@gmail.com](mailto:sapicon2024@gmail.com)). We genuinely look forward to your active participation and presence at the SAPI conference. Together, let us advance our understanding of animal health, sustainable production, and livelihood security, and explore innovative solutions to address the challenges presented by a changing climate.

### **About ICAR-CIRC**

The Central Institute for Research on Cattle (CIRC) was established on November 3rd, 1987, at the Military Farms School & Research Centre in Meerut. It was created to oversee, organize, and assist research and development initiatives for cattle enhancement, building upon the All-India Coordinated Research Project (AICRP) on Cattle. The institute aimed to capitalize on past achievements and crossbreeding experiments to develop a national milch breed (Frieswal Project) from a substantial crossbred base (Sahiwal x Holstein-Friesian). Additionally, projects such as the Indigenous Breeds Project (IBP) and Field Progeny Testing (FPT) programme were launched to focus on indigenous breeds' traits and improve crossbred cattle respectively. Initially located at Military Farm School, CIRC later moved to Modipuram, Meerut, before settling in its current 30-acre campus at Grass Farm Road, Meerut Cantt, in 2000. The institute conducts research, coordination, and consultancy using advanced breeding and reproductive techniques, collaborating with universities and specialist institutes. Since its inception, CIRC has been instrumental in advancing the nation's cattle improvement programs and research endeavors.



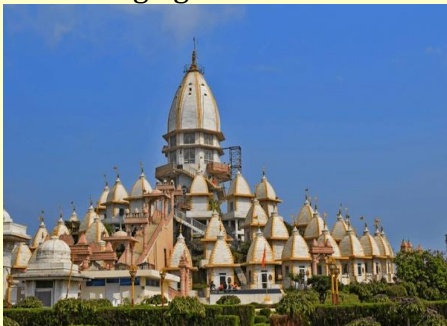
### **About Meerut city**

Meerut is located 70 km northeast of New Delhi. The city is one of the largest producers of sports goods, and musical instruments in India. The city is also an education

hub in western Uttar Pradesh. The city is well connected to tourist's places like Haridwar, Rishikesh, Hastinapur and Dehradun. During November, weather is expected to be pleasant.

### **Weather**

Being the initial stage of winter season, during the month of November the weather at Meerut is expected to be pleasant at day time and slightly cold at night. Therefore, delegates are advised to bring light woolen cloths.



**Hastinapur**



**Haridwar**



**Rishikesh**



**Dehradun**

### **How to Reach**

Conference would be held at ICAR-CIRC, Meerut which is located inside the Military Cantonment and well connected by road, train and air. Nearest railway stations are Meerut Cantt. (3 Km) and Meerut City (5 km). Nearest Airport is New Delhi IGI Airport (90 km).

### **Registration Fee**

❖ Delegates (SAPI Life Members):	Rs. 6500
❖ Delegates (Non-Members):	Rs. 7000
❖ Students / Research Scholar:	Rs. 2500
❖ Retired SAPI Members:	Rs. 2500
❖ Accompanying person:	Rs. 2000
❖ Foreign Delegates:	100 USD

### **Payment Details**

The registration fees shall be sent using online (NEFT/RTGS/UPI) payment mode and the receipt of the same should be uploaded during registration.

### **Bank Account Details for Online Payments**

**Name of Bank:** State Bank of India

**Branch Name:** Pine Shopping Centre, Meerut Cantt.

**Account Name:** SAPICON 2024

**Account No.:** 42871398449

**IFSC:** SBIN0006940

**MICR:** 250002014

## How to Register

All the participants have to register online for SAPICON 2024. The online registration will commence from 1<sup>st</sup> May, 2024 and the proof of registration fee payment needs to be submitted to [sapicon2024@gmail.com](mailto:sapicon2024@gmail.com) email id. Certificates will be issued to all the registered participants subject to attending the sessions during this event.

Sessions	Title
I	Inauguration & Keynote Lecture
II	Production, Reproduction and Breeding Management
III	Environment, Behaviour, Growth and Stress physiology
IV	Shelter, Nutrition and Health Management of Livestock for Livelihood Security
V	Bioengineering, Biochemical and Biotechnological approaches in Animal Production
VI	Fish, Poultry and Wildlife Biodiversity management
VII	Systemic & Clinical Physiology and Pathophysiology
VIII	Young Scientist Award
IX	National SAPI Quiz
X	Poster Session
XI	Awards and Plenary Session

*The schedule of the technical sessions will be communicated separately.*

## Abstract Submission

- ❖ Registration is mandatory for acceptance of abstracts/ posters.
- ❖ The **MS word file** of the abstract of research work containing maximum 350 words should be submitted to [sapicon2024@gmail.com](mailto:sapicon2024@gmail.com) before **25<sup>th</sup> October, 2024**.
- ❖ The abstract should include title, name(s) of author(s), followed by affiliation(s) and address. The name of the presenting author should be highlighted. The author will solely be responsible for disputes, if any.

## 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 to be emailed to [sapicon2024@gmail.com](mailto:sapicon2024@gmail.com) email id also. 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**.

1. SAPI Fellow Award
2. Dr. A. Roy Memorial Award
3. Prof. M. N. Razdan Memorial Mid-Career Award
4. Dr. D. N. Mullick Award
5. Dr. J. N. Pandey Memorial Best Poster Award
6. Dr. J. P. Mittal Best M.V. Sc. Thesis Award
7. Dr. S. C. Sud Memorial Best Doctoral Thesis Award
8. Young Scientist Award
9. Best Paper Presentation Award
10. Best Research Paper Award published in a peer-reviewed journal during the year 2023.

*The applications/nominations for awards (except sessional awards, poster awards and Young scientist awards) should be sent to Dr. S. Saha, Organizing Secretary, SAPI, Cattle Physiology & Reproduction (CPR) Division, ICAR-Central Institute for Research on Cattle (ICAR-CIRC), Grass Farm Road, Meerut Cantt., UP-250001 (Mob. +91 9411866523; 7088716552) by 20<sup>th</sup> November, 2024. Refer **SAPI web site (www.sapi.in)** for full details, application formats and eligibility criteria.*

## ORGANIZING COMMITTEE

<b>Chief Patron:</b>	<b>Dr. Himanshu Pathak</b> Director General, ICAR & Secretary DARE, New Delhi
<b>Patrons:</b>	<b>Dr. R. Bhatta</b> Deputy Director General (AS), ICAR, New Delhi <b>Dr. M S Chauhan</b> Vice Chancellor, GBPUA&T, Pantnagar <b>Dr. G. Taru Sharma</b> , Director, NIAB, Hyderabad
<b>Chairman:</b>	<b>Dr. A.K. Mohanty</b> Director, ICAR-CIRC
<b>Co-Chairman:</b>	Dr. Suresh Kumar, Head, CPR Division Dr. Sushil Kumar, Head, CGB Division Dr. Avishek Biswas, Head, CNM Division
<b>Organizing Secretary:</b>	<b>Dr. S. Saha</b> Principal Scientist & In-charge S. F. Lab, CPR Division
<b>Co-Organizing Secretaries:</b>	Dr. S. K. Verma, Principal Scientist, CNM Division Dr A. S. Sirohi, Principal Scientist, CPR Division Dr Sumit Mahajan, Scientist, CPR Division Dr Megha Pande, Scientist, CPR Division
<b>Technical Secretaries:</b>	Dr. A. K. Das, Principal Scientist, CGB Division Dr. Promod Singh, Principal Scientist, CNM Division Dr. Ravinder Kumar, Principal Scientist, CGB Division Dr. Naimi Chand, Principal Scientist, CPR Division Dr. Naresh Prasad, Senior Scientist, Extension Section Dr. Divya, Scientist, CGB Division
<b>Treasurer:</b>	Dr. Rajiv Ranjan, Principal Scientist, CNM Division Dr. Anjali, Scientist, CPR Division
<b>For queries contact</b>	
<b>Registration:</b>	Dr. Naimi Chand, Mobile: 9417150462 Dr. Divya, Mobile: 8374119988
<b>Abstract:</b>	Dr. A. S. Sirohi, Mobile: 9457071246 Dr. Anjali, Mobile: 7389024610

### SAPI Secretariat

<b>Patron:</b>	<b>Padma Shri Dr. (Prof.) M. L. Madan</b> Former Vice-Chancellor, DUVASU, Mathura; Vice-Chancellor, PDKV, Akola; DDG(AS), ICAR, New Delhi
<b>President:</b>	<b>Dr. S. K. Rastogi</b> Former Professor & Head, Department of VPB, GBPUAT, Pantnagar
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<b>General Secretary:</b>	<b>Dr. S. D. Ingole</b>
<b>Treasurer:</b>	Dr. Simin Bharucha