



## Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir

Faculty of Veterinary Sciences & AH, SKUAST-Kashmir,  
Shuhama, Alusteng, Srinagar. J&K.



# 3<sup>rd</sup>

# SAPI Annual Conference & Symposium on

## Technology driven physiological capacity building in livestock for food security and sustainability (SAPICON-2023)



### Date:

3<sup>rd</sup> - 5<sup>th</sup> May, 2023

### Venue:

Sher-e-Kashmir University of Agricultural Sciences &  
Technology of Kashmir - 190025

### Organised by:

Division of Veterinary Physiology, FVSc&AH Shuhama

For More Information contact:

Dr. Zahoor A Pampori

09419069584 | 09149478776





# 3<sup>st</sup>

## SAPI Annual Conference & Symposium



### Organizing committee

#### CHIEF PATRON:

**Prof. Nazir A Ganai**

Hon'ble Vice Chancellor, SKUAST-Kashmir

#### CHAIRMAN:

**Director Research**

SKUAST-Kashmir

#### CO-CHAIRMAN:

**Dean**

Faculty of Veterinary Sciences & AH, SKUAST-Kashmir

#### ORGANIZING SECRETARY:

**Prof. Zahoor A Pampori**

Prof & Head, Veterinary Physiology, FVSc&AH, SKUAST-Kashmir

#### CO- ORGANIZING SECRETARIES:

**Dr. Dilruba Hasin:** Veterinary Physiology, SKUAST-Kashmir

**Dr. Jonali Devi:** Veterinary Physiology, SKUAST-Jammu

**Dr. Ovais Aarif and Dr. Aasif Ahmad Sheikh:**

Veterinary Physiology, SKUAST-Kashmir

#### TREASURER:

**Dr. Fozia Shah:** Veterinary Physiology, SKUAST-Kashmir

**Dr. Jafrin Ara Ahmed:** Veterinary Physiology, SKUAST-Jammu

**Dr. Mohammad Rayees Dar:** Veterinary Physiology, SKUAST-Kashmir

#### NATIONAL EXECUTIVE COMMITTEE

**Patron:** Padma Shree Prof M. L. Madan

**President:** Dr. S.K. Rastogi

**General Secretary:** Dr. Shailesh D. Ingole

**Treasurer:** Dr(Ms) Simin V. Bharucha

**Vice Presidents:** Dr. Mahendra Singh (North Zone)

**Dr. P.K. Das** (East Zone) | **Dr. I. J. Reddy** (South Zone)

**Dr. J.P. Korde** (West Zone)

Registration Form

**The participants can register on or before 15.04.2023**

### REGISTRATION FORM

Name: \_\_\_\_\_

Designation: \_\_\_\_\_ Age: \_\_\_\_\_ Sex: \_\_\_\_\_

Address: \_\_\_\_\_

Tel. No.: \_\_\_\_\_ Mobile No. : \_\_\_\_\_ WhatsApp No. \_\_\_\_\_ Email ID : \_\_\_\_\_

Status: Single / With Spouse / Children | **Food Preference:** Veg / Non-Veg

**Accommodation:** Single A/C, Double A/C, Single Non - A/C, Double Non - A/C | **Research scholar/ student:** Yes / No

#### Payment Details

Registration Fee : Rs. : \_\_\_\_\_ Fee for accompanying person(s) Rs. : \_\_\_\_\_

Transaction No. / UTR No. \_\_\_\_\_ Rs.: \_\_\_\_\_ Name of the Bank & Branch: \_\_\_\_\_ Date : \_\_\_\_\_

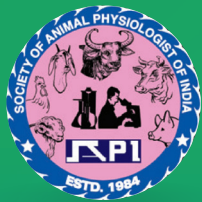
SAPI Membership ID: \_\_\_\_\_

Signature

Registration for Conference and abstract submission: Google form link <https://forms.gle/eP2Az7EcdfQdpNZy7>

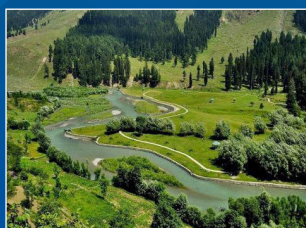
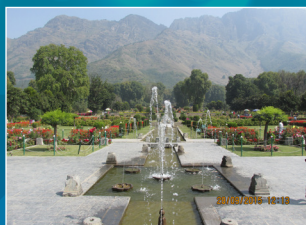


Scan this QR Code for  
Registration for Conference  
and abstract submission



# 3<sup>st</sup>

## SAPI Annual Conference & Symposium



### INVITATION

We are pleased to inform you that SKUAST-Kashmir is organising 31st Annual Conference & Symposium of Society of Animal physiologist of India (SAPI) on Technology driven physiological capacity building in livestock for food security and sustainability (SAPICON-2023) from 3-5 May, 2023. You are cordially invited to this conference, being held at Paradise on Earth- Kashmir, to grace the gathering of physiologists of India and make it a grand success.

### ABOUT HOST INSTITUTE

SKUAST-Kashmir is one of the leading farm universities in India that caters to North-Western Himalayan hill and mountain agriculture. It is a multi-campus university established in 1982 with its headquarters at Shalimar Srinagar and its territorial jurisdiction spread over temperate Kashmir and cold arid Ladakh. It makes the provisions for imparting education in different branches of study in agriculture, horticulture, veterinary and animal sciences, forestry, fisheries, agricultural engineering, food science, sericulture and other allied sciences. SKUAST-Kashmir stands 6<sup>th</sup> best agricultural university in ICAR ranking, 1<sup>st</sup> in Atal ranking with 05 start-ups and 06 patents. Since its inception, it has been working sincerely towards farmers welfare, improving socio-economic standing of its stakeholders and achieving the food and nutritional security in Jammu & Kashmir through creating competent human resource and researching & providing technology back up. SKUAST-Kashmir has developed an education model that seeks to move beyond the traditional system of teaching and research and connect education and research, with innovation and stakeholders in a dynamic spinning wheel. SKUAST-K has Faculty of Veterinary sciences as a constituent unit at Shuhama, Ganderbal, established in 1984. FVSc campus is a beautiful campus at foot hills with an elevation of 5500 feet, well connected with wide network of roads and is located at a distance of about 18 kms from city centre Lal Chowk and about 27 kms from International Airport at Srinagar. The Faculty has received a Star Status College under Start College programme of DBT, GOI. It is the birth place of first clone of Pashmina goat- Noori. The faculty has many coloured feathers in its cap be it Foot Rot Vaccine for sheep & goats, Fec-B gene introgression in sheep, paddle operated Charka for pashmina fibre or characterization of indigenous livestock or innovative techniques like "Fazli's minimum invasive technique" or "Malik's oral glucose therapy". The faculty has been granted Niche Area Excellence centre in Anaerobic Bacteriology by ICAR, New Delhi. The Faculty has two big animal farms in the form of Mountain Livestock Research Institute (MLRI) at Manasbal, Ganderbal & Mountain Research Centre for Sheep & Goat (MRCSG) at its Shuhama Campus. The faculty has externally funded projects from various agencies to the tune of 100 million rupees.

### ABOUT SOCIETY (SAPI)

The critical role of Physiology as a mother discipline to perpetually cater the needs in clinics requires no introduction and has been recognized long back being reflected by the fact that even today we have noble prize in "Physiology or Medicine". Stretching physiological limits of animals through various approaches become essential to have food and nutritional security of ever increasing human population. The role of physiology obviously got new dimension, and for animal physiologists it opened a new vista. Application of principles of physiology to augment productivity per animal and efficiency of production became most critical to increase livestock production. Therefore, scientists, academicians and workers in the area of Animal Physiology from all over the country needed a common platform to promote professional interactions, exchange of knowledge, ideas to facilitate, plane collaborative research in areas of national importance and a society was founded as "SAPI", Society of Animal Physiologists of India in 1984 at National Dairy Research Institute, Karnal, Haryana. .

### IMPORTANCE OF THE CONFERENCE

The world human population has exponentially expanded in last six decades from 3 billion in 1960 to 7.2 billion in 2021. There has been a tremendous pressure on production of food for the ever increasing human population. Despite decrease in land holdings, production of food increased several folds using intensive and selective farming systems. In this race of food security the natural resources were overused and misused that resulted into a dip in quality & quantity of food production. It further lead to depletion of natural resources and climate change. Of late, it was realised to have sustainability in production systems, reducing GHG emissions and respecting the natural resources and 17 SDGs were adopted and implemented by United Nations Member States. The food and nutritional security with zero hunger goals, livestock earns a priority place in achieving the global goals. Livestock accounts for 40% of global agricultural GDP, provides over 33% of the world's protein intake and 7% of global kilocalorie consumption. The demand for meat and milk in 2050 is projected to grow by 73% and 58% respectively. With more urbanization, improved incomes and changes in dietary preferences, the demand for food of animal origin has increased tremendously. However, livestock production in India is not efficient and livestock products have high carbon foot prints. Therefore, the precision, smart livestock farming is inevitable that must integrate all the techniques, skills, knowledge and innovations to produce safe, sufficient, affordable, accessible and sustainable animal food with minimum environmental impacts. So the future livestock farming must be technology driven farming.





Present theme of the conference is aimed to provide some leads using available advanced technologies like IoT, AI & ML, next-gen biotechnological tools in livestock farming to make it more smart, efficient, resilient, environment friendly and sustainable. The conference will provide platform for scientists, researchers, students, entrepreneurs, management personnel, extension workers, planners, decision makers and other stake holders from all over India and abroad to share expertise and experiences, discuss issues and concerns related to traditional methods of livestock farming and suggest strategy to overcome the constraints for augmenting safe, nutritious, clean, affordable and accessible livestock production. This conference will also open up frontier areas of research to scientists and technocrats to augment the smart livestock production imbued with socio-economic issues.

## TECHNICAL SESSIONS OF THE CONFERENCE

Session I	Reproduction, Neuro-immune Endocrinology
Session II	Systemic Physiology and Pathophysiology.
Session III	Environment & Stress Physiology
Session IV	Bioengineering, Biotechnology & Innovations
Session V	Livestock Health, Nutrition and Production
Session VI	Fish, Wildlife and Poultry Production.
Session VII	Poster Session
Session VIII	Young Scientist Award & Panel Discussion
Session IX	National SAPI Quiz

## AWARDS

- i. SAPI Fellow Award
- ii. Dr. A. Roy Memorial Award
- iii. Prof. M. N. Razdan Memorial Mid-Career Award
- iv. D. N. Mullick Award
- v. J. N. Pandey Memorial Best Poster Award
- vi. J. P. Mittal Best MVSc Thesis Award
- vii. S. C. Sud Memorial Best Doctoral Thesis Award
- viii. Young Scientist Award
- ix. Best Paper Presentation Award
- x. Best Research Paper Award

Kindly see SAPI website for further details

## ABSTRACT SUBMISSION

Abstracts not exceeding 350 words (MS Word, Times New Roman font – 12 pt., line spacing 1.5) in all the areas may be submitted to the email: [sapicon22.kashmir@gmail.com](mailto:sapicon22.kashmir@gmail.com) on or before 10.04.2023.

## IMPORTANT DATES TO REMEMBER

Last date for abstract submission	10.04.2023
Intimation of abstracts status	15.04.2023
Booking of accommodation	10.04.2023

## REGISTRATION FEE

	Early bird	Late/onspot
Delegates (SAPI members)	Rs. 6000/-	Rs. 6500/-
Delegates (Non-SAPI members)	Rs. 6500/-	Rs. 7000/-
Research scholar/student	Rs. 2500/-	Rs. 3000/-
Accompanying person	Rs.2500/-	Rs.3000/-
Foreign Delegates	\$ 100	\$ 125

The registration fee shall be paid to Organizing Secretary. The transaction details should be intimated immediately after payment through email. The registration fee along with filled in registration form may be sent by email or Google form on or before 15.04.2023.

## ACCOMMODATION

Limited accommodation is available in University guest houses, can be arranged on payment, first-come-first serve basis. The organizing committee can also arrange hotel bookings if 100% advance payment is made.

# 3<sup>st</sup>

## SAPI Annual Conference & Symposium



Account No.:  
0854040510000071

Organising Secretary,  
SAPICON-Kashmir

J&K Bank, Branch Shuhama-190006

IFSC Code: JAKA0SHUHAM  
MICR CODE: 190051099

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