



**IIIrd Annual Conference
of
Animal Physiologists Association (APA)
and
National Symposium
on
Physiological Interventions for the
Augmentation of Sustainable Animal Production**

September, 24-25, 2021



Organized by

**Department of Veterinary Physiology
College of Veterinary Science and Animal Husbandry
U.P. Pandit DeenDayal Upadhyaya
Pashu Chikitsa Vigyan Vishwavidyalaya
Evam Go Anusandhan Sansthan (DUVASU)
Mathura (U.P.) 281001**

Invitation

Dear Colleagues,

It gives us immense pleasure in inviting you to attend IIIrd Annual National Conference of Animal Physiologists Association and National Symposium on “Physiological interventions for the augmentation of sustainable animal production” to be held online during September 24-25, 2021 under the aegis of Department of Veterinary Physiology, COVSc & AH, DUVASU, Mathura (UP).

The burgeoning demand for animal products with population explosion has created a contrasting scenario of demand and supply in the backdrop of climate change besides animal welfare issues. To achieve optimum production and efficient utilization of rich genetic resources without compromising animal welfare is one of the biggest challenges for animal scientists. This congruence is aimed to gather academicians, scientists as well as other stakeholders to discuss and make suitable recommendations for policymakers to devise a comprehensive, holistic, need-based feasible and sustainable approach involving physiological interventions for augmenting food security and animal welfare in the light of recent legislations world over. This event shall provide a platform for scientists from physiology and allied disciplines to have an in-depth deliberation on the challenges faced by livestock farmers in augmenting productivity and to provide a future road map to overcome the bottlenecks.

In this context, the organizing committee feels honored to invite you to share your knowledge, views and scientific contributions during the meeting. It is expected that deliberations during the conference will offer possible solutions for upscaling the income and livelihood status of marginal and landless livestock owners. The organizing committee of IIIrd Annual Conference of Animal Physiologists Association and National Symposium look forward to your online participation during September 24-25, 2021.

About the University, College and Department

Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (DUVASU), Mathura was established by the Government of Uttar Pradesh through the Act No. 27 of 2001 on October 25, 2001, by carving out all the units of College of Veterinary Science and Animal Husbandry from C.S. Azad University of Agriculture & Technology, Kanpur. The College of Veterinary Science and Animal Husbandry, Mathura became its first constituent college. The parent institution of this University had the distinction of being the first Veterinary College, which was set up in the independent India during 1947. It was the first Veterinary College in Asia to start a degree program in Veterinary Science and to start M.V.Sc/M.Sc degree programs in various disciplines of Veterinary and Animal Sciences in 1951 and the Ph.D. degree programs in 1953. The main campus appears impressive with the buildings of the College

of Veterinary Science & Animal Husbandry, College of Biotechnology, College of Fisheries Science, College of Livestock Products Technology, College of Dairy Technology and Institute of Para-Veterinary Sciences.

The department of Veterinary Physiology imparts teaching to the students of B.V.Sc. & A.H. since the inception of the college in 1947. In 1956, M.V.Sc. in Physiology was started for the first time in the country. The department is also recognized for conducting research work leading to Ph.D., a degree in the subject of Veterinary Physiology. The teachers of this department have been awarded the prestigious “Rafi Ahmed Kidwai Award” and “Jawaharlal Nehru Award” for their research work. The staff members of this department have also contributed to more than twenty scientific books and more than 350 original research articles have been published in various National and International research journals. Egg yolk coagulating enzyme in the semen and Cowper’s gland of the goat was reported for the first time from the laboratory of this department which was published in the most reputed journal “NATURE” by Roy. A. (1957), 179: 318. Department had been a pioneer in the research area of ruminant physiology, sheep, goat, and buffalo reproduction, salivary physiology, environmental physiology and climatology. During the last few years, the department has revived its past glory; it has established Professor M. D. Pandey Bio-Climatology Laboratory equipped with a state of art analytical and molecular laboratory, climate chamber for six adult cattle/buffalo, three calorimetric units, automatic weather station, continuous gas analysis monitoring system (methane, carbon-dioxide), and infra-red camera. A state of art semen production, cryopreservation and analysis facility, knowledge dissemination center, and machine milking facility for goats has been established. Semen from six different goat breeds is being supplied to nine different states of the country and the Veterinary Officers, AI workers are routinely being trained for AI in goats and the farmers are trained for profitable goat rearing. The department also has a sperm signaling laboratory established with the DBT support, having a Computer-assisted semen analysis facility. Department has depicted its research output by a number of good publications in different national/international journals of repute.

Animal Physiologists Association

Animal Physiologists Association (APA) is an active and registered (Regd. No. B-46073/R-741) association for Professionals, engaged in the research and teaching in Animal Physiology and allied disciplines. The Association is engaged in promoting various issues and strategies, active thrust areas, latest research achievements and developments pertaining to animal production and health. This is totally a non-profit organization. The association was established in the year 2015. It was launched with the patronage of the researchers at the Physiology and Climatology Division of ICAR-Indian Veterinary Research Institute, Izatnagar, Bareilly.

Scientific Sessions

There will be seven sessions besides key note address:

1. Endocrinology and Reproductive Physiology
2. Systemic and Applied Physiology
3. Growth, Stress and Behavior Physiology
4. Poultry and Wild life Physiology
5. Young Scientist Award session
6. Mid career award Session
7. Poster Sessions (Day 1 and Day 2)

Each session (except 5-7) includes lead paper, invited lectures and oral presentations

Awards (Please contact the APA Secretariat, else visit the APA website)

- APA Life-Time Achievement Award
- APA Fellow
- APA Mid Career Award
- APA Young Scientist Award
- APA Best PhD Thesis Award
- APA Best M.V.Sc. Thesis Award
- APA Best Published Paper Award
- APA Best Oral Presentation Awards
- APA Poster Presentation Awards

Call for the Abstracts

The scientific committee of APA-Conference 2021 invites all interested Animal Science Researchers, Academicians and Students to submit abstracts of research papers not exceeding 250 words. The abstract may be submitted through the email id: apaduvasu2021@gmail.com. The abstract should be neatly typed in a single space using Microsoft Word in Times New Roman and Font Size 12. The abstract should have a title, names of all authors (Underline the name of presenting author) affiliation and main body. Email ID of the corresponding author must be included.

Registration

The delegates have to pay the registration fees as detailed below

Category	Registration fee
APA Members	INR 400
APA Non-Members	INR 500
Student Non-members	INR 200
Student Members	INR 100
Foreign Delegates	INR 2000

The payment can be done in the A/c Name :
INCOME ACC UP PDDU V
Account No.:
147501000000123
Indian Overseas Bank,
Veterinary College, Mathura
IFSC Code: **IOBA0001475**

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Important Date

Deadline for Submission of Abstracts: 15.09.2021

Deadline for Submission of appreciation of APA Awards: 15.09.2021

For Award Details please visit APA Website

(<http://animalphysiologistsassociation.com/> or Contact Secretary APA at gyansidd@gmail.com).

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Organizing Secretary

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