

RESEARCH AWARDS AND OPPORTUNITIES

ORAL PRESENTATION AWARDS

There will be three categories for this award namely

- Basic and applied research in human health
- Basic and applied research in animal and plant sciences
- Computational Biology applied to proteomics

1. PSI-NDRI SHWET AWARD

This award will be given to an outstanding young scientist, who has made ground breaking discoveries in basic and applied research in human health/ animal and plant sciences/ computation biology applied to proteomics as evident from the presentation quality. The research work should reflect the novelty of concept, design of experiment, statistical power employed, societal impact, and the quality of presentation.

Eligibility: All faculty members and postdoc fellows below the age of 35 years are eligible to participate under this category.

2. NDRI GARIMA AWARD

The award will be conferred in recognition of excellent research in terms of novelty of concept, design of experiment, statistical power employed, societal impact and the quality of presentation.

Eligibility: The participants eligible for this award must be a Masters or PhD student currently enrolled for degree from a recognized university as evident from their university/institute identity card.

BEST POSTER AWARDS

Two best posters will be judged from each theme area for an award of Novel Research certificate. The participants should clearly mention the theme in their posters. The detailed information for poster format is available on conference website www.NDRIPSI2019.com

TRAVEL GRANTS

PSI NDRI organizing secretariat-2019 will be pleased to provide financial support for to and fro travel to a minimum of 10 participants under students/research scholar category to attend the conference. The awardees will also avail the benefit of being life member of the society on discounted rate on behalf of organising Secretariate.

RENDEZVOUS BONANZA

A Round Table discussion will be organized to provide opportunities to young scientists and research scholars for interaction with senior faculties and entrepreneurs on topics of their interest including career prospects.

GUIDELINES FOR ABSTRACT SUBMISSION

- The language of the conference is English and all abstracts must be submitted online. It should not contain more than **300 words** in the main body. The content of your scientific work should include:
 - an introductory statement that outlines the **background** and significance of the study;
 - a succinct description of the basic **methodologies**;
 - a clear indication of the major **findings** of the study;
 - a **concluding** statement.
- At the time of submission please choose the “poster” or “oral” category carefully. The decision on your submission for its inclusion in either category will be made by the internal selection committee which will be conveyed to you through your registered mail id.
- Accepted abstracts will be included in the program only if the presenting author has registered for the conference.
- A maximum of 5 keywords should be included.
- Only 1 abstract per presenting author can be accepted in the program.
- The detailed information for abstract submission is available on conference website www.NDRIPSI2019.com. The participants are advised to adhere to the instruction strictly.

ORGANISING COMMITTEE

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Convener Director, ICAR-NDRI	Co-Organizing Secretary Dr. Sudarshan Kumar
Co-Convener Joint Director, Academics, ICAR-NDRI	Co-Organizing Secretary Dr. Jai K. Kaushik
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11th ANNUAL MEETING of Proteomics Society, India, 2019 and INTERNATIONAL CONFERENCE on Proteomics for System Integrated Bio-Omics, One Health and Food Safety

02nd
to
04th
DECEMBER
2019



02nd to 04th Dec, 2019

Organized By



In Association With



ICAR-NATIONAL DAIRY RESEARCH INSTITUTE
KARNAL - 132001, HARYANA, INDIA

WARM INVITATION

Dear Colleagues and Friends,

Warm welcome to the annual meeting of PSI-2019 !

On behalf of PSI, it is our pleasure to announce that National Dairy Research Institute (ICAR-NDRI), Karnal will be organizing “11th Annual Meeting of Proteomic Society, India (PSI), and International Conference on Proteomics for System Integrated Bio-Omics, One Health and Food Safety” from 2nd - 4th December 2019. Apart from the International conference, the program also offers 4 day preconference “International Workshop on Advanced Proteomics” and an Education Day on “Proteomics tools for addressing biological problems”. We are pleased to invite scientists, academicians, young researchers, and industry partners to participate in this annual meeting of PSI and international conference at ICAR-NDRI, Karnal.

ABOUT THE CONFERENCE

We are living in an interdependent world wherein all the organisms on earth including human, animals, plant and their associated micorbiota stay together for their mutual existence. The biological systems work on the principle of crosstalk among plethora of biomolecules that comprise genome, transcriptome, proteome and metabolome leading to **SYSTEM INTEGRATED BIO-OME**. Thus, the architectural extension of “omics” to molecular level describes the comprehensive and global assessment of molecules at a systemic level. Integration of different omics data types is often used to elucidate the cause and effect relationship under different pathophysiological conditions. System biology deals with the qualitative and quantitative measurement of large biological data through mathematical modelling that offers comprehensive picture of the inner workings of the cell. Therefore, it opens window for intensive learning of life processes. In the past decades, high-throughput omics based studies in various fields have already resulted in humongous data types which are growing endlessly at exponential pace. This urges collaboration among multiple omics information on a single platform to get deeper insights for understating the mechanism of ecological bio-dependency through bio-omics.

ONE HEALTH is a concept where the existence of any single organism cannot be imagined in isolation. The understanding of biological system in its ecological niches using multi-disciplinary approaches is crucial. In this context, the conference is attempting to bring all stakeholders together for a dynamic, innovative and futuristic deliberation for tapping the full potential of “omics based” science with specific reference to proteomics for **ONE HEALTH AND FOOD SAFETY**.

A healthy life cannot be imagined without healthy food. The pursuit for healthy life has led to high demand in quality food which in turn has resulted in incremental presence of xenobiotics in environment and food chain. The food borne toxins, allergens, and associated health hazards have become a matter of serious concern for the society, industries, researchers and policy makers. In food chain, milk is a major ingredient which warrants for supreme quality of its constituents and composition. It is a very vulnerable medium that carries contaminants including protein adulterants from heterogeneous systems, toxins, allergens, microbes of zoonotic importance etc. Therefore, availability of quality food is an essential requirement. Thus molecular evolution of a species is majorly driven by antagonistic co-evolution between animal hosts and their pathogen and insults in their respective ecological niches which needs to be re-evaluated on a system level.

National Dairy Research Institute (NDRI) is a deemed university. It is an institute of eminence under Indian Council of Agricultural Research (ICAR) specialized for carrying out research in the area of animal production, health, dairy food processing, and human resource development. ICAR-NDRI as a premier institute of the country has developed considerable expertise over the last five decades in different areas of contemporary science. The institute focuses on application of various omics technologies for solving the research needs of country holistically. Recently, the institute has started catering to the needs of high end research in agriculture using its state of art high throughput mass spectrometry based proteomics for betterment of animal and food sciences.

This meet aims to bring national and international researchers together under one roof to exchange scientific ideas and foster future collaborations in the theme areas. Program speakers have pioneered major contributions to both methodology development and in solving the challenges faced in different areas. Discussions on methodological advancements will be juxtaposed with the presentations from experts to explain their role in addressing problems and opportunities in BIO-OMICS. The rendezvous provides the most up-to-date environment to learn remarkable advances in ever innovative and powerful mass spectrometric technologies.

EVENTS

- 1. Preconference workshop (28th Nov -01st Dec 2019)
- 2. Education Day (01st Dec 2019)
- 3. International Conference (02nd - 04th Dec 2019)

*For detailed information regarding the programme events, please visit the website www.NDRIPSI2019.com

THE THEME OF THE CONFERENCE INCLUDES

- Omics Technologies for One Health and Productivity
- Clinical and Disease Proteomics in Human, Animal and Plant
- Proteomics, PTMs and Big Data Analysis
- Proteogenomics, Metabolomics, Integrative Omics and Systems Biology
- Biomarker Discovery, Structural Proteomics and Drug Targets
- Proteomics and Mass Spectrometry Applications in Food Safety and Allergy
- Translational Omics and Entrepreneurship

GENERAL INFORMATION AND EVENT ARRAY

VENUE

The annual meeting and the international conference will be organized in the Dr. D. Sundaresan Auditorium of ICAR-National Dairy Research Institute, Karnal, located within the campus. The modern auditorium has a sprawling sitting capacity of 900 persons with all necessary amenities for the organization of the event.

Weather

The weather at Karnal during the conference is very pleasant and nice surrounding atmosphere. The temprature remains around 15°C - 20°C. Light winterwear may be required.

ACCOMMODATION

PSI NDRI organizing team is committed to extend full facilities for your comfortable stay at Karnal during the meet. Karnal city has a number of affordable hotels of all categories ranging from 5-star to budget hotels located within the radius of 2-5 Kms from the conference site. Dedicated fleets of vehicle will take care of your transit from the place of your stay to the venue and tour de campus. Boarding for the registered students and research scholars will be arranged within the campus hostels and guest house on nominal payment basis.

VALUABLE SPEAKERS

Eminent International and National speakers from around the globe, working in their respective theme areas will participate in the conference.

SIGHTSEEING ARRANGEMENT

Sightseeing will be arranged on payment basis after the completion of the conference. The nearby places are Kurukshetra, Chandigarh, Shimla, Haridwar, Amritsar, Delhi etc.

REGISTRATION		
	PSI Members	Non-PSI Members
Early Bird registration dates before 31 st August 2019		
Students	3,500 INR	4,000 INR
Academicians	6,000 INR	6,500 INR
Industrial associates	9,000 INR	9,500 INR
Foreign Delegates		
- Students	-	110 USD
- Faculty	-	210 USD
Mid-late registration dates before 31 st October 2019		
Students	4,000 INR	4,500 INR
Academicians	7,000 INR	7,500 INR
Industrial associates	10,000 INR	10,500 INR
Foreign Delegates		
- Students	-	160 USD
- Faculty	-	260 USD
Late registration dates After 1 st November 2019		
Students	5,000 INR	5,500 INR
Academicians	8,000 INR	8,500 INR
Industrial associates	12,000 INR	12,500 INR
Foreign Delegates		
- Students	-	210 USD
- Faculty	-	310 USD
Note: Further combo package is available at discounted price. Please visit website: www.NDRIPSI2019.com for detailed information.		

ABOUT THE CITY

Karnal is named after the legendary king Karan of the Hindu mythology Mahabharata. It is located midway on the Delhi - Chandigarh National Highway 1 (NH44), also known as the Grand Trunk Road (GT road) which is 125 Kms equidistant from Delhi and Chandigarh. It has witnessed reigns of many rulers who established their kingdom here but the city stands still speaking the stories of past and evolution of India with time. Many historical places to visit nearby are Panipat, Kurukshetra, Chandigarh, Shimla, Haridwar. Karnal is known as mini ICAR because of location of 6 national institutes namely, NDRI, CSSRI, IIWBR, NBAGR, IARI regional centre, Sugarcane Research Center. The city is also famous for its Kalpana Chawla medical college named after the NASA astronaut Dr. Kalpana Chawla.

ABOUT ICAR-NDRI

ICAR-National Dairy Research Institute (ICAR-NDRI) is one of the most beautiful campuses of ICAR institutes. It keeps the status of deemed university under Indian Council of Agricultural Research (ICAR) and a research institute of eminence in the area of Animal and Dairy Science. ICAR-NDRI is in existence since 1923 which initially started from its currently located Southern Regional Station at Bangalore in the name of Imperial Institute of Animal Husbandry and Dairying. Subsequently it was renamed to its current name in 1947. In the year 1955, NDRI headquarter was shifted from Bangalore to Karnal, Haryana and was accorded deemed university status in 1989. The institute is spread in more than 1000 acres of beautiful landscaping and is involved in research and teaching in contemporary

areas of biological sciences involving Animals Science, Dairy Technology and Engineering. NDRI Karnal has excellent infrastructure in terms of conducting meetings and seminars with availability of two auditoriums namely D. Sundaresan auditorium and N. N. Dastur auditorium. In addition, it has many small seminar rooms for holding small scale meetings. It has well-furnished hostels and guest houses for hosting the guests. NDRI has a vibrant student community. It also boasts of its beautiful livestock farm with more than 2000 cattle and buffaloes which support the supply of delicious dairy products for the citizens of Karnal.

