

Categories	Registration fees till 03 rd November 2023	Registration fees after 03 rd November 2023
Society Members	Rs. 5,000/-	Rs. 5,500/-
Non- members	Rs. 6,000/-	Rs. 6,500/-
Students Members	Rs. 2,500/-	Rs. 3,000/-
Corporate Members	Rs. 10,000/-	

Payment mode: UPI/NEFT/RTGS/IMPS/Credit card

A/c Name: The Indian Society of Animal Genetics and Breeding

A/c: 120024130230

Bank: Canara Bank

IFSC Code: CNRB0003017

MICR Code: 132015109

Branch: ST Theresa Convent School, Karnal

Scanned copy of the signed registration form along with payment details should be sent to the Organizing Secretary through email (isagb.nbagr.2023@gmail.com).

Registration Form ISAGB-2023

1. Full Name :
2. Designation :
3. Address :
4. Accompanying person, if any: :
5. Registration fee details (copy of :
online transaction reference/
DD No. & date/UPI transaction
reference etc.)
6. Accommodation (Required/Not :
required)
7. Food (Veg/Non-veg) :
8. ISAGB Member : Yes or No
9. Travel program :
Arrival- Departure-
10. Email: :
11. Mobile No. :

Signature with date

Name:

About Karnal city

The city of Karnal was founded by Raja Karna, a central character in the Mahabharata. Karnal is located at 29°41 'N 76°59'E/29.68°N 76.98°E. It is known for its lush greenery. It is roughly equidistant (125 Km) from New Delhi and Chandigarh and is located on the G.T. road (NH-44). During the month of November, the weather will be pleasant and light woollen clothes may be required. Karna Lake located at a distance of 3 km from ICAR-NBAGR is a place to visit during the late evening hours for boating and recreation.

ORGANISING COMMITTEE

Chairman

Dr. B. P. Mishra

Director, ICAR-NBAGR, Karnal, Haryana

Organising Secretary

Dr. S. P. Dixit

HoD, AG Div., ICAR-NBAGR, Karnal, Haryana

Co-organising Secretary

Dr. Indrajit Ganguly

Principal Scientist, ICAR-NBAGR, Karnal, Haryana

Dr. Amod Kumar

Scientist, ICAR-NBAGR, Karnal, Haryana

EXECUTIVE COMMITTEE OF ISAGB

Chief Patron

Dr. V. K. Taneja

Former DDG (AS), ICAR and
Former Vice Chancellor, GADVASU, Ludhiana, Punjab

Patron

Dr. T. J. Rasool

Director, Camel Biotechnology Centre, UAE

President

Dr. B. P. Mishra

Director, ICAR-NBAGR, Karnal, Haryana

Vice Presidents

Dr. Vineet Bhasin

Former Principal Scientist (AG&B), ICAR Hqrs., New Delhi

Secretary

Dr. Vishesh Kumar Saxena

Director Research, BASU, Patna

Joint Secretary

Dr. P. K. Rout

Principal Scientist (AG&B), ICAR Hqrs, New Delhi

Treasurer

Dr. M. S. Tantia

Former Principal Scientist (AG&B), ICAR-NBAGR, Karnal

Organising Secretary

Dr. S. P. Dixit

Head, Division of Animal Genetics
ICAR-NBAGR, Karnal-132001, Haryana, India

Tel: 01842267918, Cell:9416296322

Email: isagb.nbagr.2023@gmail.com

Website: <https://nbagr.icar.gov.in>

<https://goo.gl/maps/27ds5qrWZYJMUMsV6>



National Conference

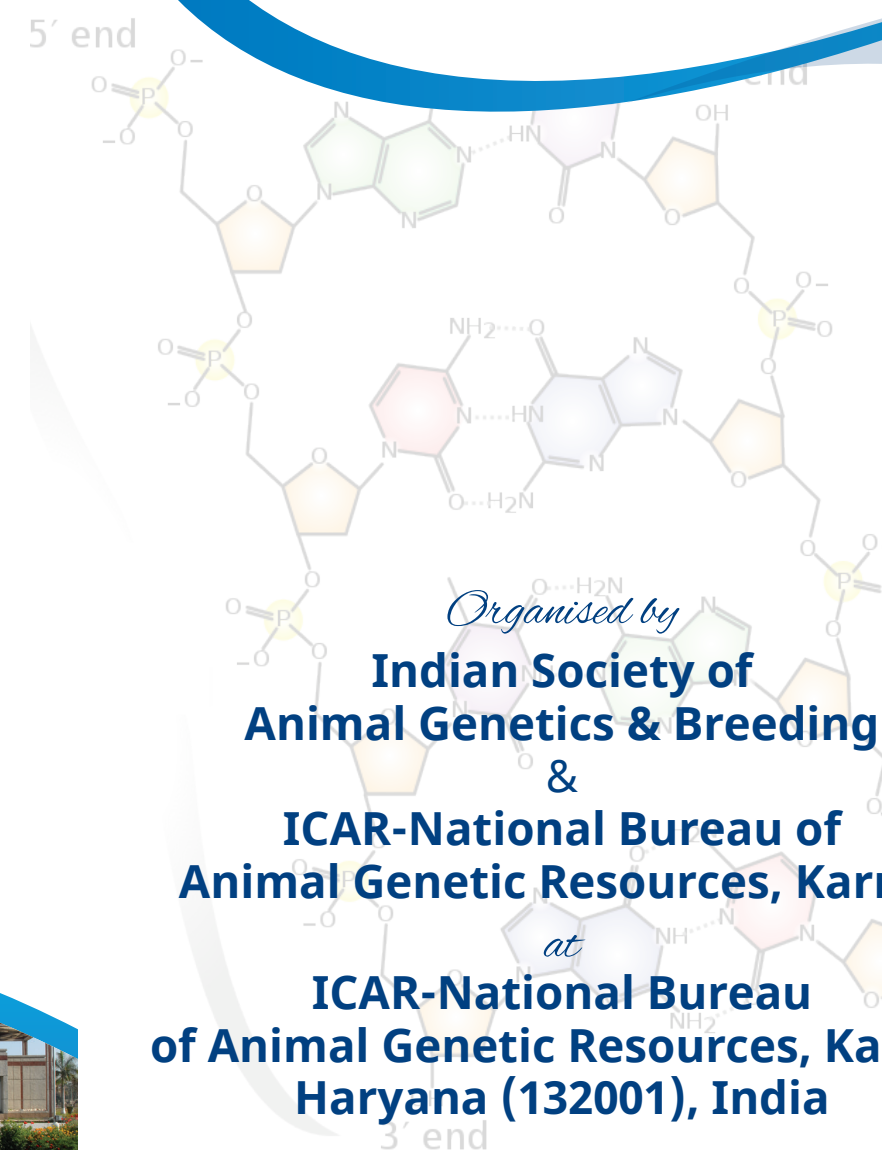
on

Advances in Genetics and Genomics for Sustainable Livestock Transformation

&

XVII Annual Convention of Indian Society of Animal Genetics & Breeding

November 16-17, 2023



Scan this Code to find location of ICAR-NBAGR



Invitation

Dear Colleagues

We are pleased to announce that the Indian Society of Animal Genetics and Breeding (ISAGB), in collaboration with ICAR-National Bureau of Animal Genetic Resources (ICAR-NBAGR), Karnal, is organizing a National Conference on “Advances in Genetics and Genomics for Sustainable Livestock Transformation” and the XVII Annual Convention of ISAGB at ICAR-NBAGR, Karnal from 16 to 17 November, 2023. Eminent scientists, animal geneticists, decision-makers, and young researchers will find the ISAGB Annual Convention and proposed conference to be the ideal platform for sharing their achievements, knowledge, and insights as well as to deliberate on the best breeding practices and future directions for genetic improvement of livestock and poultry genetic resources.

Millions of households rely upon the broad range of AnGR diversity found in the Indian subcontinent for their nutritional and livelihood security. The country's livestock and poultry biodiversity has been dwindling due to intensified production, diversifying market demands, declining utility, and climate change. Given the current situation, there is an urgent need to revisit our breeding policies and programs in order to fully realize the potential of our indigenous germplasm and ensure its sustainable growth and conservation.

To increase the productivity of AnGR and transform livestock farming into an economically viable enterprise, it is essential to develop a roadmap that incorporates the most recent genetics and genomics technologies along with analytical approaches. The proposed areas which will be covered during the conference are: Genetics and Genomics in Livestock and poultry, Animal Breeding Strategies in the era of Genomics and Phenomics; Functional Genomics and Epigenetics in Livestock and Poultry; Integration of Genomics in Practical Animal Breeding: Challenges and Opportunities. On this occasion, we will have the opportunity to interact with international and national experts, academicians, and researchers who are involved in cutting-edge technologies in the advanced areas of genomics and phenomics for livestock and poultry genetic improvement.

About Indian Society of Animal Genetics and Breeding (ISAGB)

The Indian Society of Animal Genetics and Breeding (ISAGB) is one of the oldest Societies of Animal Sciences that was registered under Societies Registration Act XXI of 1860 on 17th April 1984 with main aims and objectives of (i) Advancement of science and art of Animal Genetics and Breeding in all aspects by dissemination and application of knowledge gained from experiments and experience, (ii) Provision of opportunities for exchange of knowledge and ideas through discussions and other means and for collaboration between persons interested in different fields of Animal Genetics and Breeding, (iii) Organization of conference, symposia, seminars etc., and other periodicals meetings. (iv) Initiation and promotion of research in all fields of Animal Genetics and Breeding, (v) Publication of scientific and technical journals, policy papers, memoirs, monographs, bulletin, pamphlets etc., on subjects related to Animal Genetics and Breeding, (vi) Providing financial and other assistance for education and research or development activities in the field of Animal Genetics and Breeding. Society is publishing a research journal “Indian Journal of Animal Genetics and Breeding” and also organizing National symposium/conference on annual basis. All income of the society is utilized towards the protection of aims and objectives of the society. The membership of the society is open to academician, scientists, research scholars and students studying in different institutes/universities/colleges. The membership and other details are on the society website (<http://www.isagb.org>).

About Host Institute (ICAR-NBAGR)

ICAR-National Bureau of Animal Genetic Resources, Karnal established in the year 1984 is the nodal organization for identification, evaluation, characterization, conservation and utilization of livestock and poultry genetic resources of the country. The bureau is also engaged in coordination and capacity building in

animal genetic resources management and policy issues. Over the years, bureau has conducted systematic surveys to characterise, evaluate and catalogue farm livestock and poultry genetic resources and established their National Data Base. Bureau has travelled a long journey in striving for excellence in innovative research to identify the uniqueness and genetic potential of country's vastly distributed livestock and poultry biodiversity and its sustainable development. The farm animal genetic resources of India are represented by a broad spectrum of native breeds/strains (212 registered breeds of livestock and poultry, including three dog breeds) of large number of species like cattle, buffalo, sheep, goat, equine, camel, yak, mithun, pig and poultry. The indigenous breeds are well adapted to diverse climatic conditions and perform sustainably even under changing climates over the years. The adaptation to the vivid climatic and traditional management conditions has endowed them with better disease resistance, heat tolerance and feed conversion efficiency. In today's time, acknowledging the positive and unique attributes of our native germplasm through innovative research is a key for their optimal utilization and long term conservation. The institute is moving forward to decode genome, transcriptome, proteome and metabolome architecture of our invaluable AnGR by utilizing advance omic platforms. In near future, characterizing unique traits and functional properties of milk/meat/urine derived biomolecules from native germplasm will add value and help in their sustainable utilization.

Scientific Programme

The scientific programmes of two days conference will consist of five technical sessions including a round table plenary session, award ceremony and valedictory session. The tentative programme of the conference is as follows:

November 16, 2023

- » **Inaugural Session**
- » **Technical Session-I:** Genetics and Genomics in Livestock and poultry
- » **Technical Session-II:** ISAGB Young Scientist Award
- » General Body Meeting of ISAGB

November 17, 2023

- » **Technical Session-III:** Animal Breeding Strategies in the Era of Genomics and Phenomics
- » **Technical Session-IV:** Functional Genomics and Epigenetics in Livestock and Poultry
- » **Technical Session-V:** Round table on “Integration of Genomics in Practical Animal Breeding: Challenges and Opportunities”
- » **Award ceremony and Valedictory session**

Each technical session will have 2-3 lead invited lectures followed by 4-5 oral presentations.

Call for Abstracts

The ISAGB invites all interested individuals to submit research abstracts in English (as per guidelines) on the theme of conference/technical sessions for oral/poster presentations. Last date for submission of abstracts is **31st October, 2023**. All interested participants are requested to send their abstract to the Organizing Secretary, ICAR-NBAGR, Karnal via email: isagb.nbagr.2023@gmail.com

Guidelines for abstract submission

1. The abstract should include the title (in title case) in first line; full names (in BLOCK) of author(s), in separate line; location where study was carried out in third line (in title case and in italics), if there are more than one Institute where study was carried then please indicate it using same superscript bearing authors name and respective institution.
2. The name of the presenting author needs to be underlined.
3. Please include a separate line of e-mail for correspondence.

4. The abstract should be typed in single space, one inch margin, in Times New Roman with 12 font size.
5. The abstract should be limited to 250-300 words (highlighting the salient achievements of work).
6. The acceptance of abstracts will be communicated by **07.11.2023**.
7. Authors of selected abstracts will be encouraged to publish full length research article in the Journal of Animal Genetics and Breeding.

Mode of Presentation

The abstracts received under each technical session will be evaluated by expert committee for oral or poster presentations. For each oral presentation, the participants will be given 7 min followed by 3 min for discussion. For poster presentation, the participants are required to prepare the poster in 4 x 3 feet format.

Awards

ISAGB Fellow

For details pls visit : ISAGB website <http://www.isagb.org/>

Pushkar Nath Bhat best paper award

Indian Society of Animal Genetics and Breeding has introduced the coveted “Pushkar Nath Bhat National Award for Animal Genetics & Breeding” in 2019 for the best paper award published in preceding year in the areas of Animal Genetics including Molecular Genetics and Animal Breeding having highest impact factor. The award includes a cash award of Rs. 5000/- (to the first author) and a certificate (to all authors). Any Indian Scientist working in India and who is a member of ISAGB and below 50 years of age can apply. Participants desirous of competing for the award should attach a copy of their printed paper published during the period April 2022- March, 2023 along with their registration for the conference. The nominations will be judged by a special committee constituted by the society and the decision of the committee will be final.

Best Poster and Oral Presentation Awards

To encourage researchers, two awards (1st & 2nd) will be conferred for each poster and oral session based on the evaluation by an expert committee.

ISAGB Young Researcher award

The ISAGB Young Researcher award is open for Master, Doctoral, Post-Doctoral Fellow, Research Fellow, Research Associate and Young Scientist. The candidate should be the ISAGB life member. The age of the candidate should not exceed beyond 35 years. The eligibility age will be calculated on the 1st January of the year of conference. The abstract submitted for the award should be from Master/ Doctorate thesis/ or Research project of the young researcher. The candidate must be the first author of the abstract. The presentation should strictly be as per the contents of abstract published in the conference/symposium compendium. In case of any discrepancy the decision of chairman of evaluation committee will be final.

Accommodation and Travel

The Karnal city is well connected with State and National Capital by roads and trains. The nearest airports are Delhi (145 Km) and Chandigarh (115 KM). The participants desire to participate physically will be provided boarding and lodging in private hotels on payment of the required charges, provided bookings are made well in advance. The tariff rates ranges from Rs.2500/- for Non A/C rooms of double occupancy to A/C room from Rs. 4,000-6,000/- per day with single or double occupancy. Limited accommodation is also available in Guest house which may be allotted on first cum first serve basis.

Registration

The registration fees for different categories of participants attending the conference are as follows:

