



INTERNATIONAL CONFERENCE
ON RECENT ADVANCES IN
**ANIMAL BIOLOGY
AND CONSERVATION**
(ICRABC) 2023



SCIENTIFIC PROGRAM

19th -21st December, 2023



Maurya Rajadhani Building, General Hospital Rd, Statue, Palayam,
Thiruvananthapuram, Kerala 695001

DEC 19, 2023; TUESDAY

9:30 AM

INAUGURAL FUNCTION

10.15 AM

Group Photo & High Tea

10.30 AM



Chairperson- Director of Collegiate Education

Lifetime Achievement Award Speech
*“Five decades of experience with developing
newer methods of male contraception”*

Dr. Nirmal Kumar Lohiya,
NASI Senior Scientist, Department of Zoology,
University of Rajasthan

SCIENTIFIC SESSION-I (Animal Development & Genetics)

11.00 AM



Chairperson

Dr. Nirmal Kumar Lohiya,
University of Rajasthan

11.00 AM

PL-1



Dr. Pradeep Kumar G,
RGCB, Thiruvananthapuram, Kerala

*“Identification of molecular markers of male
factor subfertility”*

11.30 AM

PL-2



Dr. Shail K Chaube, BHU, Varanasi, UP

*“Meiotic instability in ovum: An emerging
biological threat for existence of mammals”*

12.00 AM-1.00 PM

Poster presentations (Batch I)

1.00 PM

Lunch break



SCIENTIFIC SESSION-II (Animal Conservation)

 <p style="text-align: center;">Chairperson Dr.G. Archunan, Bharathidasan University, Tamil Nadu</p>		 <p style="text-align: center;">Co-Chairperson Dr. V. Balakrishnan, Kerala State Biodiversity Board</p>	
2.00 PM	IL-1	 <p style="text-align: center;">Dr. Hema Somanathan, IISER, Thiruvananthapuram, Kerala <i>“Bees of India: what is the urgent need of the hour?”</i></p>	
2.20 PM	IL-2	 <p style="text-align: center;">Dr. Priyadarsanan Dharmarajan, ATREE, Bengaluru, Karnataka <i>“Conserving the less charismatic: strategies for conserving insect diversity for the human well being”</i></p>	
2.40 PM	IL-3	 <p style="text-align: center;">Dr. Arun Zachariah, Department Forest & Wildlife, Kerala <i>“Human Wildlife Conflict-an ecological perspective”</i></p>	
3.00 PM	IL-4	 <p style="text-align: center;">Dr. Kasi Marimuthu, Tezpur Central University, Assam <i>“Captive breeding and seed production in commercially important Snakehead fishes, (Channa striatus, and Channa punctatus)”</i></p>	
3.20 PM		Tea break	
 <p style="text-align: center;">Chairperson Dr.P.C. Mali, University of Rajasthan, Rajasthan</p>		 <p style="text-align: center;">Co-Chairperson Dr. Md. Aminur Rahman, Jashore University of Science & Technology, Bangladesh</p>	
3.30 PM-6.00 PM		Oral presentations (Batch I)	
6.00 PM-8.30 PM		Cultural Programme and Dinner	

DEC 20, 2023; WEDNESDAY



SCIENTIFIC SESSION-III (Molecular Biology & Evolution)

	Chairperson Dr.Md. Aminur Rahman Jashore University of Science & Technology, Bangladesh		Co-Chairperson Dr. Parmesh Kumar, Kurukshetra University, Haryana
9.30 AM	PL-3		Dr. K. Thangaraj, CCMB, Hyderabad <i>“Our origin, health and disease”</i>
10.00 AM	IL-5		Dr. V. B. Sameer Kumar, Central University of Kerala <i>“The highly conserved non coding sequences: role of miRNA in Endothelial Mesenchymal transition”</i>
10.20 AM	IL-6		Dr. M. Nagarajan, Central University of Kerala <i>“Phylogeography and origin of Indian domestic sheep”</i>
10.40 AM	IL-7		Dr. Sunil Martin L, RGCB, Thiruvananthapuram <i>“Synthetic Immunology in Cancer therapy”</i>
11.00 AM		Tea Break	
	Chairperson Dr. M. Nagarajan, Central University of Kerala		Co-Chairperson Dr. Sunil Martin L, RGCB, Thiruvananthapuram
11.15 AM-1.00 PM		Oral presentations (Batch II)	
1.00 PM		Lunch break	

SCIENTIFIC SESSION IV (Animal Ecology & Sustainable development)

Chairperson		Co-Chairperson	
	Dr. Arun Devi C University College, Kerala		Dr. Benno Pereira P. G. University of Kerala
2.00 PM	PL-4		Dr. Md. Aminur Rahman, JUST, Bangladesh <i>“The High-valued Marine Biodiversity Hotspots in the Indo-Pacific Ocean Ecosystem: Exploration, Utilization, Conservation and Management”</i>
2.30 PM	IL-8		Dr. Kartik Shanker, IISc, Bangalore <i>“A museum and a cradle: the diversification of herpetofauna in the Western Ghats”</i>
2.50 PM	IL-9		Dr. P. Balakrishnan, KFRI , Kerala <i>“Human-Wildlife Interactions in Kerala: Status, Drivers and Research Gaps”</i>
3.10 PM	IL-10		Dr. Meera Srivastava, Govt. Dungar College, Rajasthan <i>“Insect decline: A matter of concern”</i>
3.30 PM		Tea Break	

SCIENTIFIC SESSION V (Reproductive Physiology & Biochemistry)

	Chairperson Dr. Shail K Chaube BHU, Varanasi		Co-Chairperson Dr. Pradeep Kumar. RGCB, Thiruvananthapuram
3.45 PM	PL-5		Dr. G. Archunan, Bharathidasan University, Tamil Nadu <i>“Sex pheromone of buffalo: From kit to sensor development for estrus detection”</i>
4.15 PM	IL-11		Dr. P. C. Mali, University of Rajasthan <i>“Ethical use of animals is an Essential tool for Protection and Conservation of species and Using of animals in Biomedical Research”</i>
4.35 PM	IL-12		Dr. Jitender Kumar Bhardwaj, Kurukshetra University, Haryana <i>“Methoxychlor mediated antral follicular toxicity owing to granulosa cells apoptosis and attenuating efficacies of N-Acetyl-L-Cysteine”</i>
	Chairperson Dr. P. Balakrishnan, KFRI , Kerala		Co-Chairperson Dr. Jitender Kumar Bhardwaj, Kurukshetra University, Haryana
4.55 PM-6.00 PM		Oral presentations (Batch III)	
Session Break			
6.30 PM-7.30 PM		Poster presentations (Batch II) Venue: University College	
7.30 PM-8.30 PM		Cultural Program and Dinner	

DEC 21, 2023; THURSDAY

SCIENTIFIC SESSION VI (Animal Biotechnology & Human Welfare)

		Chairperson	Co-Chairperson	
		 Dr. K. Padmakumar, University of Kerala	 Dr. G. Nagendra Prabhu S. D. College, Kerala	
9.30 AM	PL-6	 Dr. N. Thajuddin, B.S.Abdur Rahman Crescent Institute of Science & Technology, Chennai <i>“Marine Planktonic Diversity of Tamil Nadu and their Biotechnological Potentials”</i>		
10.00 AM	IL-13	 Dr. Sambhu Chithambaran, King Abdulaziz University, Saudi Arabia <i>“Cutting-edge technologies in aquaculture”</i>		
10.20 AM	IL-14	 Dr. S.B. Anand, Madurai Kamaraj University, Tamil Nadu <i>“Phage screening identified antigenic allergens potentially responsible for human filarial Tropical Pulmonary Eosinophilia (TPE)”</i>		
10.40 AM	IL-15	 Dr. Md. Mer Mosharraf Hossain Jashore University of Science & Technology (JUST), Bangladesh <i>“Genomic investigation of AHPND (acute hepatopancreatic necrosis disease) in Penaeus monodon (Bagda shrimp) to develop a suitable prevention method”</i>		
11.00 AM		Tea break		

SCIENTIFIC SESSION VII (Animal Diversity & Taxonomy)

 <p>Chairperson Dr.G. Archunan, Bharathidasan University, Tamil Nadu</p>		 <p>Co-Chairperson Dr. Shail K Chaube, BHU, Varanasi, UP</p>	
11.15 AM	PL-7	 <p>Dr. G. Prasad, University of Kerala</p> <p><i>“Role of Taxonomy in Biodiversity Conservation in the Century of Extinctions”</i></p>	
11.45 AM	IL-16	 <p>Dr. Parmesh Kumar, Kurukshetra University, Haryana</p> <p><i>“Avian diversity in unprotected rural wetlands: a case study from Haryana, India”</i></p>	
12.05 PM	IL-17	 <p>Dr. Y. Shibu Vardhanan, University of Calicut, Kerala</p> <p><i>“Geometric morphometric: Beyond pure anatomical analysis – Shape and Size to function”</i></p>	
12.25 PM	IL-18	 <p>Dr. Sudhikumar A.V Christ College, Thrissur, Kerala</p> <p><i>“An updated status on diversity of spiders (Order: Araneae) in Kerala”</i></p>	
12.45 PM		Remarks by Participants and announcement by Organizing Secretary on scientific program	
1.00 PM		Lunch break	
2.00 PM-3.30 PM		VALEDICTORY FUNCTION	
3.30 PM		Thanks giving-Tea	

Dr. Mano Mohan Antony

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