



<https://icrsmm.zoology.du.ac.in/>

INTERNATIONAL CONFERENCE

on

Reproductive Sciences and Molecular Medicine:
Innovations in Therapeutics and Technologies

(ICRSMM-2024)

41st Annual Meet of

Society for Reproductive Biology and Comparative
Endocrinology (SRBCE)

NOVEMBER 15-17, 2024



दिल्ली विश्वविद्यालय

University of Delhi

Organizing Secretariat

Division of Molecular Endocrinology and Reproduction
Department of Zoology, University of Delhi

Venue

Conference Centre, University of Delhi
Delhi-110007, India

For Membership of SRBCE

Website: www.srbce.org Email: srbce1981@gmail.com





INVITATION

Dear Colleagues,

Warm Greetings!!! It is our great pleasure to extend a cordial invitation to you to participate in the International Conference on Reproductive Sciences and Molecular Medicine: Innovations in therapeutics and technologies (ICRSMM-2024) and 41st Annual Meet of Society for Reproductive Biology and Comparative Endocrinology (SRBCE-2024) at Conference Centre, University of Delhi (North Campus), Delhi-110007, India.

Reproductive sciences have evolved into a modern area of science where the basic understanding of hormones and their actions, fertility, and environment has led to the knowledge that hormones not only regulate the reproductive system but also the complete physical, mental, and social well-being of all of us. This International Conference provides a premier interdisciplinary platform for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered during fertility preservation due to environmental challenges or in development of hormone agonists/antagonists required for safe contraception. The need of the time is biased ligands of gonadotropins receptors that are important solutions for the management of fertility in women with PCOS and other such complex metabolic disorders. The deliberations in this International Conference in the area of public health will accelerate the research and development of therapeutics, technologies and safe contraceptives in the country.

The SRBCE will continue with its efforts to bring together eminent scientists, scholars and young researchers and students together to meet the objectives set for the promotion of science for the benefit of society. The annual meet provides a platform for all scientists working in the fields of Endocrinology and Reproductive Biology to exchange ideas, update their knowledge and interact freely.

The scientific program will consist of orations, keynote addresses, plenary lectures, invited lectures, panel discussions, free communications, and poster presentations. The Conference will provide an excellent opportunity for PhD/MD/PG/UG students to interact with senior scientists, obstetricians & gynecologists, ART specialists, AYUSH experts, reproductive /endocrine health personnel, and faculty members besides presenting their own findings and to discuss the relevance of the findings.

On behalf of the Organizing Committee, we extend a warm and cordial invitation to you to participate in this unique International Conference and look forward to receiving your prompt and positive response to our invitation.

Best regards



Prof. Rita Singh
Organizing secretary
icrsmm-24@zoology.du.ac.in



Prof. Suresh Yenugu
President-SRBCE
srbce1981@gmail.com



ABOUT THE CONFERENCE

ICRSMM-2024 is a multidisciplinary conference on wide spectrum of modern or ongoing findings in basic reproductive sciences, imbalance of gonadotropins and steroids, current developments and innovations in therapeutics and technologies in reproductive sciences and molecular medicine (Traditional or Allopathic) such as required for assisted reproductive technology to help those who suffer from reproductive system issue like Infertility, subfertility, hormonal imbalance, endometriosis, genetic susceptibility to diseases, metabolic disorders and cancers. The deliberations will also lead to the suggestions and recommendations on the leading areas where research is required.

CALL FOR PAPERS

Selected full papers will be published in the “Proceedings of ICRSMM-2024” as a special issue of the Journal of Endocrinology and Reproduction (JER) published by SRBCE. Submit your abstract for oral presentation, and poster. One of the authors preferably presenting author, must be a member of SRBCE. Submit the abstract in any of the category (Oral or Poster) through selected topic (scientific sessions) and mention whether it is submitted for the competition of best paper or best poster presentation. The abstracts selected for oral presentations will also be asked to submit full manuscript for publication in proceedings in special issue of JER.

ABSTRACT TOPICS

Basic aspects of Reproductive Sciences

- Molecular Endocrinology
- Neuroendocrinology
- Immunoendocrinology
- Clinical Endocrinology
- Oncological Endocrinology
- Stress Endocrinology
- Comparative Endocrinology

Environment, Hormones and Health

- Lifestyle Disorders and Hormones
- Hormones and Reproductive Health
- Environmental Toxicology
- Endocrine Disruptors and Health Hazards
- Metabolic Disorders and Hormones
- Maternal and Fetal Health

Translational research in Fertility and Endocrine Disorders

- Innovations in Biological Science in healthcare
- Polycystic ovary syndrome
- Gonadotropin as Therapeutics
- Molecular Diagnostics
- Biased ligands in Fertility Management
- Assisted Reproductive Technologies
- One Health Concept
- Indian Traditional and Folk Medicines for Endocrine Disorders

SPECIAL ATTRACTION FOR UG/PG/PHD STUDENTS

- ❖ Workshop Session I on Animal models and their contributions to reproductive sciences
- ❖ Workshop Session II on Assisted Reproductive technology (ART)/In vitro fertilization (IVF), Surrogacy and way forward
- ❖ Session on Reproductive Sciences through Animation (Through 2 min Video competition)
- ❖ Plenary Lecture followed by student Debate on the Contraceptive options for youth.
- ❖ Panel Discussion on the Lifestyle, endocrine disruption, reproductive and mental health: Panellists, Experts in OB & GYN, Mental Health and RTI
- ❖ Session with eminent personalities “Know their story: Struggle to success”
- ❖ Reproductive sciences today-Logo competition



POSTER SESSION TOPICS FOR UG/PG STUDENTS

- Reproductive health today
- Reproductive tract infections
- Environmental endocrine disruptors
- Contraceptives

SRBCE AWARDS & HONORS

- ❖ Fellowship in Reproduction and Endocrinology
- ❖ Prof. P. Govindarajulu Gold Medal Oration
- ❖ Prof. B.B. Kaliwal Gold Medal Oration
- ❖ Dr. P. Daisy Gold Medal Oration for young women scientists
- ❖ Prof. M.A. Akbarsha - Prof. M. Michael Aruldas Gold Medal Oration
- ❖ Prof. Saumen Kumar Maitra Best Research Paper Award
- ❖ Prof. Chandana Halder Best Research Paper Award
- ❖ Prof. A.V. Ramachandran Best Research Paper Award for original research paper published in the “Journal of Endocrinology and Reproduction” Society’s official Journal.
- ❖ Prof. N.J. Chinoy Award for Best Research Paper Presentation
- ❖ Best Poster Awards and Best Oral Awards
- ❖ For Detailed Guidelines and Forms refer www.srbce.org.in and <https://icrsmm.zoology.du.ac.in/>. Only SRBCE members will be considered for awards. One of the authors, preferably presenting author, must be a member of SRBCE.
- ❖ Awards for best poster, Logo Designing, Video and debate for UG/PG students. Single author entries will be considered for all competition and selected students will be invited for Poster presentation. Registration is mandatory.
- ❖ For UG/PG students having multiple author (not more than 3) entries one teacher with SRBCE membership and registration of all is mandatory.



CONFIRMED INVITED



Prof. K. Muralidhar
Ex-Head, Dept. of Zoology
University of Delhi,
Delhi



Prof. N. K. Lohiya
Dept. of Zoology
University Of Rajasthan,
Jaipur



Prof. R.S. Sharma
Sharda University,
Uttar Pradesh



Dr. Col. (Rtd) Anurag Mehta
Director, Cancer Research
RGCI, Delhi



Dr. Srabani Mukherjee
ICMR-NIRRH
Mumbai



Dr. Deepa Bhartia
Research Director
Epigenes Biotech
Mumbai



Prof. Partha Roy
Dept. of Biosciences &
Bioengineering
IIT-ROORKEE
Uttarakhand



Dr. Deepak Modi
Dept of Mol & Cell Bio.
ICMR-NIRRH
Mumbai



Prof. S. I. Dneen
Department of Anatomy
Yong Loo Lin School of
Medicine
National University of
Singapore



Prof. (Dr.) Suneeta Mittal
Senior Director & HOD,
Dept. of OBGYN, Fortis,
Gurgaon, Haryana



Prof. (Dr.) Ashutosh Halder
Professor & Head
Dept. of Reproductive Bio,
AIIMS, Delhi



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Oklahoma State Univ.
Centre for Health Sciences,
USA



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Dept. of Internal Medicine
University of Manitoba,
Canada



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Centre for Genomic and
precision Medicine
Texas USA



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LHMC, Univ. of Delhi
Delhi



Prof. Rakesh K. Tyagi
Special Centre for
Molecular Medicine
JNU, Delhi



Dr. Eric Reiter
Research Director INRAE
CNRS, IFCE, Tours University
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AIIMS, Delhi



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Centre INRAE Val de Loire
INRAE CNRS- Univ. of Tours
France



Prof. Rajendra Kumar
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University of Colorado
USA



Dr. G. Taru Sharma
Director
NIAB
Hyderabad



Dr. Rima Dada
Molecular Reproduction &
Genetics Lab
AIIMS, Delhi



Dr. Roya Rozati
Director of MHRT,
Hyderabad



Dr. C V Rao
Stephanson cancer Centre
OUHSC, OK, USA



Dr. Malini Laloraya
RGC B
Kerela



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Prof. Suresh Yenugu
President
SRBCE



ORGANIZING SECRETARY

Prof. Rita Singh

Division of Molecular Endocrinology and Reproduction
Department of Zoology,
University of Delhi, Delhi



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Alok Bharti	Surleen Kaur	Ananya Aparupa	Mamta Tripathy	Vanika Gupta
R.K Negi	Suman Yadav	Anjali Pathak		



REGISTRATION



Category	01.08.2024-31.08.2024*	1.09.2024-30.09.2024*	After 30.09.2024	
Faculty-SRBCE Member	Rs.5920+1080 =7000*	Rs.6800+1224 =8024*	Rs.7000+1260 =8260*	*Annual Fee of SRBCE Membership is Rs 520 Fee +18%GST
Faculty-SRBCE Non-Member	Rs.6800+1224 =8024*	Rs 7000+1260 =8260*	Rs. 7,500+1350 =8850*	
Student Member of SRBCE with Stipend/Fellowship	Rs.4000+720 =4720	Rs Rs. 4500+810 =5310*	Rs. 5,000+900 =5900*	
Student Non-Member of SRBCE	Rs.4500+810 =5310*	Rs. 4800+864 =5664*	Rs. 5,000+900 =5900*	
PhD Student Member of SRBCE without Stipend/Fellowship	Rs. 4,000*	Rs. 4,200*	Rs. 4,500*	
UG/PG Students (Delhi) with Kit and meals	Rs. 3,000*	Rs. 3,000*	Rs. 3,000*	
UG/PG Students (Delhi)	Rs. 2,000*	Rs. 2,000*	Rs. 2,000*	
UG/PG Students outside Delhi (with Hostel) Special rate	Rs. 4 000*	Rs. 4,500*	-	-
Accompanying Members	Rs. 3,500*	Rs. 4,000*	Rs. 4,000*	
Delegate from Overseas (DO)	US \$ 550	US \$ 600	US \$ 650	
Accompanying Member with Overseas Delegates	US \$ 200	US \$ 200	US \$ 200	
Overseas Student	US \$ 350	US \$ 350	US \$ 350	

ACCOMMODATION

Last date for Accommodation request by delegates/Students is 15.09.2024. Online requests will be considered. The tariff will be as follows:

S.No.	Accommodation	Single*(Rs.) per Day	Double*(Rs.) per Day
1.	Hotel (5 Star)	15,000	18,000
2.	Hotel (3 Star) Superior	7,000	9,000
3.	Hotel (3 Star)	5,000	6,500
4.	Private Guest House	2,500	3,000
5.	Govt. Guest House	1500	2,000
6.	Hostel-1 fee PhD	1200	800
7.	Hostel-2 Fee MSc BSc	1000	550

*Plus taxes as applicable on the date and rates are suggestive and subject to change.



Weather

Weather in Delhi in the month of November will be pleasant during day, however may be cold for some people. In November, in Delhi, the average high-temperature is 28°C (82°F), and the average low-temperature is 14°C (57°F).

Language

The language of the conference will be English. Simultaneous translation will not be available.

Exhibition

An exhibition of drugs and devices, scientific equipments, laboratory supplies, and services will be organized at the venue of the meeting.

Visa Requirement

All foreign delegates are required to check with the Local Indian Embassy or Consulate for Indian Visa.

Cancellation of Registration

A refund (less Rs.1000/- for national delegates and US\$ 100 for international delegates will be deducted to cover administrative expenses) will be granted to registered participants who are unable to attend, provided written notice is received at the Secretariat on or before 15th October, 2024. We regret that any request received after this date will not be considered. It may please be noted that refunds will be issued only at the end of the

Abstract

The last date for abstract submission is displayed on the website and late abstracts will be published only in the electronic version of the proceeding.

Invited speakers interested in submitting Full Length Articles of their presentation must submit the article as per the requirements of SRBCE journal "Journal of Endocrinology and Reproduction (JoER). After Peer review, selected articles will be published in JoER. The Last date for the submission of full article is December 31, 2024

Registration

Online submission of Registration form is mandatory for entry to conference area. All the Delegates/participants, Speakers and UG/PG students must register online irrespective of the Registration fee. Volunteers will take care of the registration of the Plenary or keynote speakers as soon as it is possible.



**International Conference on Reproductive Sciences and Molecular
Medicine: Innovations in Therapeutics and Technologies &
41st Annual Meet of Society for Reproductive Biology and
Comparative Endocrinology (SRBCE)**

15-17 November, 2024

REGISTRATION FORM

Mail to: icrsmm-24@zoology.du.ac.in, Organizing Secretary, Department of Zoology,
University of Delhi (North Campus), Delhi – 110007

Prof./Dr./Mr./Mrs./Miss _____

First Name: _____ Middle Name: _____ Last Name: _____

Mailing Address _____

Pin: _____

Cellphone No. _____ E-mail _____

Whether submitting an abstract (please tick) Yes [] No []

Title of the abstract: _____

Accompanying person's Name

1. _____

2. _____

Accommodation required: Yes - [] No []

(if yes, please fill the enclosed accommodation form)

Member of SRBCE: Yes [] No []

Particulars of registration fee sent

Demand Draft /Cheque No. _____ Bank _____

Direct Bank Transfer (NEFT/ RTGS): Yes [] No []

Amount (Rs. / US\$) _____ Dated _____ Bank Transfer ID _____

I accept the terms and conditions for cancellation of registration.

Passport No. _____ Place of issue: _____ Validity up to: _____

(Foreign Nationals only)

Nationality: _____

Dated

Signature

***Use the link available on home page for online submission of registration form**



**International Conference on Reproductive Sciences and Molecular
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15-17 November, 2024

ACCOMMODATION FORM

Mail to: icrsmm-24@zoology.du.ac.in, The Organizing Secretary, Department of
Zoology, University of Delhi (North Campus), Delhi - 110007

Prof./Dr./Mr./Mrs./Miss _____

First Name: _____ Middle Name: _____ Last Name: _____

Mailing Address: _____

_____ Pin _____

Cell phone No. _____ E-mail _____

Accompanying person's Name _____

Type of accommodation required: Single Bed [] Double Bed []

Hotel [] Guest House - (Govt.) [] Hostel [] (Private) []

Total No of days _____ Date of arrival _____ Departure _____

Mode of transportation: Air [] Train [] Bus []

Particulars of accommodation charges sent:

Demand Draft No. _____ Bank _____

Direct Bank Transfer (NEFT/ RTGS): Yes [] No []

Amount (Rs. /US\$) _____ Dated _____ Bank Transfer ID _____

Interested for post conference tour – Yes [] No []

If yes, within Delhi [] Around North India []

Agra [] Jaipur [] Varanasi [] Vrindavan [] Haridwar & Rishikesh [] Others []

If Others, Please Specify _____

Dated

Signature

***Use the link available on home page for online submission of Accommodation form**



ABOUT UNIVERSITY OF DELHI

The University of Delhi is the country's leading institution, with a strong commitment to excellence in teaching, research and social outreach. With international academic standards, extensive educational programmes, eminent researchers and scholars and best practices in higher education, it stands tall as a role model for other Universities in India and abroad. Established in 1922, notable alumni, a wide range of contemporary infrastructure. The slogan 'Nishtha Dhriti Satyam' (Dedication, Steadfastness, and Truth) reflects the organization's long-term dedication to nation-building and devotion to universal human ideals. Five Departments namely Zoology, Chemistry, Geology, Sociology and History have been awarded the status of the Centres of Advanced Studies. These Centres of Advanced Studies have carved a niche for themselves as centres of excellence in teaching and research in their respective areas. It has 16 faculties, over 80 academic departments, an equal number of colleges, 3 medical colleges and over seven lakh students studying over 500 programmes. For details refer the website <https://www.du.ac.in/>



About Department of Zoology, Centre for Advanced Studies University of Delhi (North Campus), Delhi-110007, India

Following its inception in 1947 by Prof. M.L. Bhatia, the Department of Zoology has been recognized as the Centre for Advanced Studies (CAS) since 1963 and has continued to maintain this status till date. The department is well known premier institution for research and teaching in basic, applied and advanced areas of Zoology. With its technically-advanced central-instrument facility and modern infrastructure, Information Technology based Classrooms and laboratories make it an ideal place for developing a strong base of Post-graduate & Doctoral Students in modern zoology. Animal house facility of the department is well equipped for maintaining different animal model organisms including transgenic animals. The museum is having a rich collection of rare animal specimens and was the first 'Natural History Museum' in the country. Alumni are doing exceptionally well as teachers, scientists and policy makers at various universities and research institutions across India and abroad. Faculty of the department is recognized nationally and internationally. Faculty members have received membership/fellowship of several Academies (INSA, IAS, NAS, NAAS) and awards (J C Bose Fellow, Best Teacher Award, Prof. B.N. Johari Award). For details refer the website <https://zoology.du.ac.in/>





ABOUT SOCIETY FOR REPRODUCTIVE BIOLOGY AND COMPARATIVE ENDOCRINOLOGY(SRBCE)

The SRBCE, a registered scientific society in India, had its genesis at the Department of Endocrinology, Dr. ALM Post Graduate Institute of Basic Medical Sciences, University of Madras, Taramani Campus, Chennai-600 113 in April 1980 under the inspiration and leadership of Prof. P. Govindarajulu. The SRBCE is one of the most regular, vibrant scientific societies in India with a regular annual meet in different parts of the country. Comparative endocrine studies have greatly expanded our knowledge base of nondomestic forms and also contributed greatly to the understanding of regulatory and adaptive mechanism. For details refer the website www.srbce.org.in

