













# 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



# **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: <a href="www.srbce.org">www.srbce.org</a> Email: <a href="mailto:srbce1981@gmail.com">srbce1981@gmail.com</a>





# **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/PDF/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 secretory
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. 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
- 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 Folklore 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 OBGYN, 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
- \* Prof. M.A. Akbarsha- Prof. M. Michael Aruldhas Gold Medal Oration
- Prof. Saumen Kumar Maitra Best Research Paper Award
- Prof. Chandana Haldar 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.
- Dr. P. Daisy Gold Medal Oration for young women scientists
- Prof. N.J. Chinoy Award for Best Research Paper Presentation
- ❖ Best Poster Awards and Best Oral Awards
- Awards for best poster, Logo Designing, Video and debate for UG/PG students.

For Detailed Guidelines and Forms refer <a href="www.srbce.org.in">www.srbce.org.in</a>. Only SRBCE members will be considered for awards.

One of the authors preferably presenting author, must be a member of SRBCE.





### **CONFIRMED INVITED SPEAKERS**





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-NIRRCH Mumbai



**Dr. Deepa Bhartia** Research Director Epigeneres Biotech Mumbai



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



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



Prof. S.T. Dheen 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



Prof. (Dr.) Rashmi Kaul Oklahoma State Univ. Centre for Health Sciences, USA



**Dr. Surendra Sharma**Dept. of OBGYN
University of Texas Medical
Branch
USA



Prof. Suresh Mishra Dept. of Internal Medicine University of Manitoba, Canada



**Dr. M. Gouri Devi** Director Ridge IVF & Gauri Hospitals, Delhi

Prof. (Dr.) Pikee Saxena

Dept. of OBGYN



LHMC, Univ. of Delhi Delhi Prof. Rakesh K. Tyagi



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



**Dr. Eric Reiter** Research Director INRAE CNRS, IFCE, Tours University **France** 



Prof. (Dr.) Neena Malhotra Head, Dept. of OBGYN AIIMS, Delhi



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



Prof. Rajendra Kumar Dept. of OBGYN 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. Pradyumna Mishra** Head (EBGMB Division) ICMR-NIREH Bhopal, Madhya Pradesh



**Dr. Malini Laloraya** RGCB Kerela





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**Vice Chancellor University of Delhi** Delhi-110007

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#### Dr. M. Gouri Devi

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Ridge IVF, Delhi



#### **Prof. Suresh Yenugu**

President SRBCE



#### **ORGANISING SECRETORY Prof. Rita Singh**

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







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Category	On or before 15.07.2024	On or before 15.08.2024	On or before 15.09.2024	After 15.09.2024
SRBCE Member	Rs. 5,000	Rs. 6,000	Rs. 7,000	Rs. 7,000
SRBCE Non-Member	Rs. 6,000	Rs. 7,000	Rs. 8,000	Rs. 8,500
Student Member of SRBCE	Rs. 3,000	Rs. 3,500	Rs. 4,000	Rs. 4,500
Student Non-Member of SRBCE	Rs. 3,500	Rs. 4,000	Rs. 4,500	Rs. 5,000
Accompanying Members	Rs. 3,000	Rs. 3,500	Rs. 4,000	Rs. 4,000
Delegate from Overseas(DO)	US \$ 500	US \$ 550	US \$ 600	US \$ 600
Accompanying Member with Overseas Delegates	US \$ 200	US \$ 200	US \$ 200	US \$ 200
Overseas Student	US \$ 300	US \$ 350	US \$ 400	US \$ 400

# **ACCOMMODATION**

Because of the scarcity of accommodation, we encourage the participants to make their own accommodation arrangements during the conference. However, on request, the organizers may arrange accommodation in hotels/guest houses near the venue.

A large number of hotels and guest houses cater to all categories of National and International visitors to Delhi. Thus, it is strongly advisable that booking for accommodation is secured as early as possible to avoid last-moment disappointment. Your request for accommodation will be considered only if accompanied by at least one-day deposit charge.

#### The tariff will be as follows:

S.No.	Accommodation	Single*(Rs.)	Double*(Rs.)
1	Hotel (5 Star)	12,000-15,000	15,000-18,000
2	Hotel (3 Star)	6,000- 7,000	7,000-9,000
3	Private Guest House	2,000-3,500	2,500-4,000
4	Govt. Guest House	1,500-2,000	2,000-2,500
5	Hostel	800-1000	

<sup>\*</sup>Plus taxes as applicable on the date







#### Weather

Weather in Delhi in the month of November will be pleasant. In November, in Delhi, the average high-temperature is  $28^{\circ}\text{C}$  ( $82^{\circ}\text{F}$ ), and the average low-temperature is  $14^{\circ}\text{C}$  ( $57^{\circ}\text{F}$ ).

#### 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 conference.

## **Incentives/ Travel Bursary**

SRBCE takes pleasure in providing passage fare (Both ways sleeper 2nd class railway fare) to 25 students interested in attending the conference. The student must be a life member of SRBCE and should have submitted the abstract which has been accepted for presentation at the conference and not in receipt of any fellowship/stipend.





# 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		
		Last Name:
Mailing Address		
		Pin:
Cellphone No.		
Whether submitting an abstr	ract (please tick) Yes []	No [ ]
Title of the abstract:		
Accompanying person's Na		
Accommodation required: Y		
(if yes, please fill the enclose	sed accommodation form)	
Member of SRBCE: Yes [	] No [ ]	
Particulars of registration fe	e sent	
Demand Draft /Cheque No.		Bank
Direct Bank Transfer (NEF	Γ/ RTGS): Yes [ ] No [	]
Amount (Rs. /US\$)	Dated	Bank Transfer ID
I accept the terms and condi	itions for cancellation of r	registration.
Passport No	Place of issue:	Validity up to:
(Foreign Nationals only)		
Nationality:		
Dated		Signature

<sup>\*</sup>Use the link available on home page for online submission of registration form







# 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

#### 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: \_\_\_\_\_Bank \_\_\_\_ Demand Draft No. Direct Bank Transfer (NEFT/ RTGS): Yes [ ] No [ ] Amount (Rs. /USS) 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

<sup>\*</sup>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 'NishthaDhriti 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 <a href="https://www.du.ac.in/">https://www.du.ac.in/</a>



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 Postgraduate & 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 <a href="https://zoology.du.ac.in/">https://zoology.du.ac.in/</a>









# 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



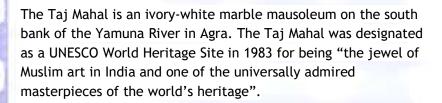








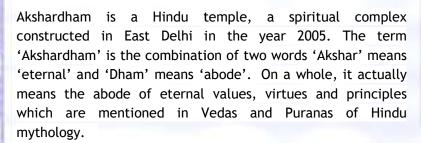
The Golden temple is located in the holy city Amritsar. The Golden temple is famous for its full golden dome, it is one of the most sacred pilgrim spots. Maharaja Ranjit Singh had the upper half of the building built with approximately 400 kg of gold leaf.







Red Fort, in Old Delhi was built by Shah and remains a major tourist attraction. The fort was designated a UNESCO World Heritage site in 2007. India's Prime Minister hoists the National Flag from the ramparts of the Red Fort each year on Independence Day.







The National War Memorial represents the gratitude of a nation to its Armed Forces. Since-Independence, more than 26,000 soldiers of the Indian Armed Forces have made the supreme sacrifice to defend the sovereignty and integrity of the country. It is built in the central vistas near India Gate which can be seen in the backdrop of the photograph.









The Qutub Minar is a minaret and "victory tower" which lies at the site of Delhi's oldest fortified city, Lal Kot, founded by the Tomar Rajputs. It consists of 399 steps. It is a UNESCO World Heritage Site in the Mehrauli area of South Delhi, India. It is one of the most visited tourist spots in the city, mostly built between 1199 and 1220.

