

EmbryoConnect

Manipal Reproductive Science Summit

18-20 March 2023, Manipal, India

Dr TMA Pai Auditorium. Kasturba Medical College. Manipal



KASTURBA MEDICAL COLLEGE

MANIPAL

A constituent unit of MAHE, Manipal



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SAR HEALTHLINE

GATEWAY TO INDIAN IVF

We are here for you



Borut Kovačič
Slovenia



Erik Edkund
Sweden



Judith Menezes
Sweden



Jackson C. Kirkman-Brown
United Kingdom



Meurig T. Gallagher
United Kingdom



Riccardo Talevi
Italy



Sam Sudhakaran
Qatar



Kamini Rao
Bengaluru



Pratap Kumar
Manipal



Sujatha R.
Chennai



Surveen Ghumman
New Delhi



Aswathy Kumaran
Kottakkal



Anju Shukla
Manipal



Dayanidhi Kumar
Patna



Sachin Honguntikar
Chennai



Arunkumar Rathakrishnan
Chennai



Dear Colleagues,

Greetings from Manipal.

It gives us immense pleasure to welcome you all to EmbryoConnect, a focussed international meeting to be held in Manipal, India from 18–20 March 2023. EmbryoConnect sets the stage for the integration of science and research in embryology with clinical IVF practice. Over a span of three days, we will facilitate and encourage debate on a wide range of subjects from fundamental aspects to clinical issues. We believe this meeting will help us foresee the future benefits of closer collaboration between laboratory and clinical practice.

The Department of Reproductive Science, Kasturba Medical College, Manipal and Manipal Association of Clinical Embryologists (MACE) welcome and encourage all of you to join us in Manipal for an exciting and lively weekend!

Warm regards

Prof Satish Kumar Adiga

Prof Guruprasad Kalthur

Programme Day 1

18 March 2023

Dr TMA Pai Auditorium. Kasturba Medical College. Manipal

| Session I | | Speaker |
|-------------|--|--|
| 09:00–09:15 | Implications of fast and slow blastocyst development | Dayanidhi Kumar, Patna |
| 09:15–09:30 | Microfluidics in sperm selection | Arunkumar Rathakrishnan, Chennai |
| 09:30–09:45 | Female factor infertility and follicular microenvironment | Aswathy Kumaran, Kottakkal |
| 09:45–10:00 | Non-invasive PGT A at the blastocyst stage: culture medium and blastocoel cell-free DNA | Sachin Honguntikar, Chennai |
| 10:00–10:45 | Refreshments & poster viewing | |
| Session II | | |
| 10.45–11.15 | Genetic testing and counseling in family opting for Assisted Reproduction Technique | Anju Shukla, Manipal |
| 11.15–11.45 | Mix-up in the IVF lab and errors during embryo transfer | Erik Edlund, Sweden |
| 11.45–12.15 | Embryo culture: have we reached the full potential or any scope for improvement? | Riccardo Talevi, Italy |
| Session III | Oration | |
| 12:15–13:00 | Evidence-Based Personalization of the IVF Process: what you need to know and what the future holds | Kamini Rao, Bangalore |
| 13:00–14:00 | Lunch | |
| Session IV | | |
| 14:00–14:30 | Sperm selection: challenges, successes, and looking forward to the future | Meurig Gallagher, United Kingdom |
| 14:30–15:00 | Ovarian insufficiency and laboratory challenges | Borut Kovacic, Slovenia |
| 15:00–15:45 | Refreshments & poster viewing | |
| Session V | Panel discussion | |
| 15:45–16:30 | Effective mentorship: Roadmap for successful diversification of laboratory workforce | Moderator: Sujatha R. Chennai Panelists: Aswathy Kumaran, Sam Sudhakaran, Bageshree Jhala, Anusha Shenoy, Krishna Kalita, Sukruthi Bijige, Sooryagayathri |
| 19:00–22:00 | MACE awards and social programme. Venue: Fortune Inn Valley View, Manipal | |

Programme

Day 2

19 March 2023

| Session VI | | Speaker |
|--------------|--|---------------------------------------|
| 09:00–09:30 | ART and health risk: is there any evidence? | Pratap Kumar, Manipal |
| 09:30–10:00 | Advances in the treatment of male infertility by ART | Judith Menezes, Sweden |
| Session VII | Oration | |
| 10:00–10:45 | Ex Vivo Reproduction: Recent developments and prospects towards fertility management | Riccardo Talevi, Italy |
| 10:45–11:30 | Refreshments | |
| Session VIII | Young researchers' session | |
| 11:30–13:00 | Short presentation of award winning posters | |
| 13:00–14:00 | Lunch | |
| Session IX | | |
| 14:00–14:30 | Global agreement on semen analysis: standards, guidelines, and current recommendations | Jackson Kirkman-Brown, United Kingdom |
| 14:30–15:00 | Role of adjuvants in enhancing IVF success: current trends | Surveen Ghumman, New Delhi |
| 15:00–15:30 | IVF Lab benchmarking and KPI | Sam Sudhakaran, Qatar |
| 15:30–16:00 | Reproductive cell cryostorage: Potential risks and risk management | Borut Kovacic, Slovenia |
| 16:00 | Concluding remarks & High tea | |

Programme Day 3

20 March 2023

Improving laboratory performance (Workshop)

08:00-09:00

Andrology (Chairpersons: Erik Edlund, Judith Menezes)

- Pitfalls of using semen analysis as a predictor of male fertility potential
- Should sperm DNA damage assessment be included in routine semen analysis
- Optimising sperm preparation and selection
- Effective utilisation of an andrology laboratory in IVF practice

09:00-10:00

Embryology (Chairperson: Borut Kovacic)

- Ensuring my laboratory's conditions are optimised
- The best embryo culture method for my lab
- Failed pregnancy: where my embryo selection went wrong
- Adjuncts in the lab: use and overuse

10:00-11:00

Cryopreservation (Chairpersons: Erik Edlund, Judith Menezes)

- Must-know points on the cryobiology of gametes and embryos
- Outcome in relation to gametes and embryo staging
- Device, medium and process: Dos and Don'ts
- Tips and tricks for successful outcomes

11:00-11:30

Refreshments

11:30-13:00

Live demonstration / practical

Registration

| | |
|---|--|
| General | INR 4,000 (conference) INR 1,000 (workshop) (until 15 February 2023) |
| MACE members & MAHE students | INR 2,000 (conference + workshop) (until 15 February 2023) |
| Spot registration | INR 6,000 (no provision of workshop participation) |

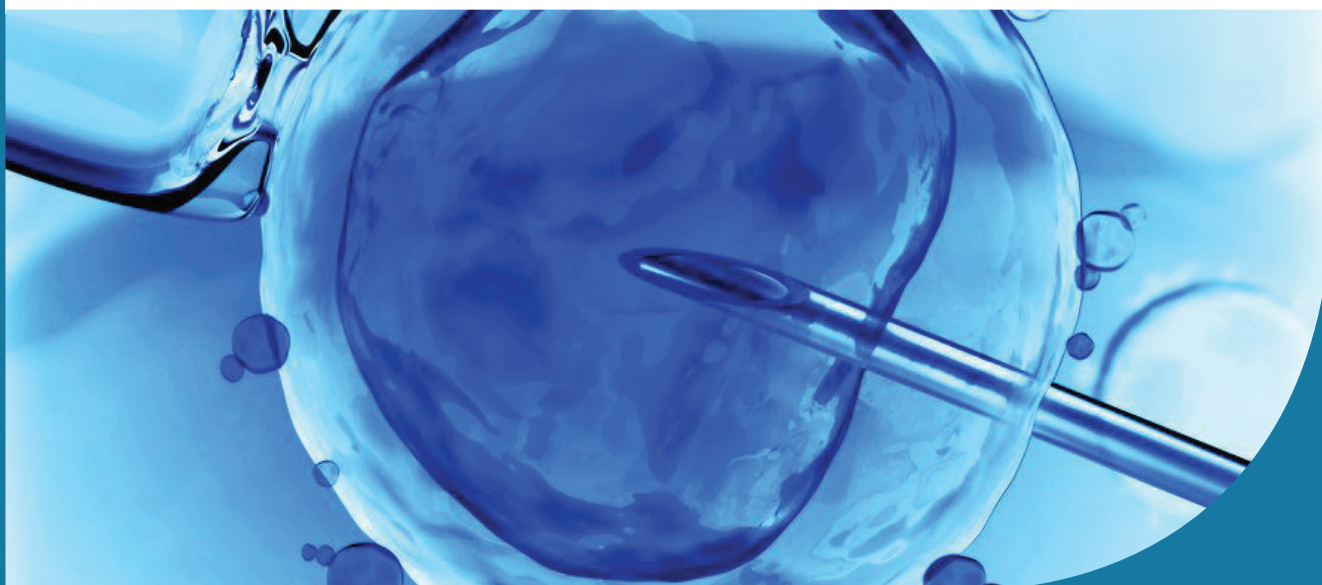
Abstract submission and guidelines:

Abstracts (maximum 300 words) from various areas of infertility, genetics, reproductive sciences, and related fields are invited for presentation. Selected abstracts will be offered 15 minutes' oral presentation in young researchers' session and a cash prize.

Abstracts should be formatted in Microsoft Word, and single-spaced, using size 12 Times New Roman font. The abstract should include a proper background, aim of the study, results and conclusion. The submitted abstracts must be from the original work and must not be published in any form earlier. It should be a well-developed paragraph, understandable to the audience from various areas of reproductive science, infertility, genetics, and other allied topics. Abstracts will be reviewed and selected abstracts will be considered for short presentation.

Abstracts may be forwarded to reproduction@manipal.edu before 15 February 2023.

To Register online , scan the QR code below





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