



International Human Embryology Research Academy
Cordially invites you to Experience

2ND VIRTUAL

em^oART 2.0

International Online Symposium
for the Best Practices in Clinical Embryology

REGISTRATION
FREE

THEME - FROM BELL JARS TO BENCHTOPS



24th JULY' 21



2:00 PM to 7:15 PM (IST)

25th JULY' 21

8:45 AM to 7:45 PM (IST)

**INVITATION
&
SCIENTIFIC BROCHURE**

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 embART 2.0 International Online Symposium
for the Best Practices in Clinical Embryology

Dear Colleagues,

The field of Assisted Reproductive Technology (ART) has grown by leaps and bounds. Still a very nascent and evolving field, the need for active research in the field is understated.

The history of in vitro fertilisation (IVF) goes back more than half a century. The first birth in a nonhuman mammal resulting from IVF occurred in 1959, and in 1978, the world's first baby conceived by IVF was born.

Louise Brown, born 43 years ago on 25th July 1978, made history by being the first test tube baby conceived through IVF. This was led by Patrick Steptoe and Robert Edwards, the latter of which received the 2010 Nobel Prize for Physiology or Medicine.

To commemorate this success in the field of ART, iHERA, in association with Cipla, announces a two-day scientific fest. We take immense pleasure in inviting you to the 2nd Virtual “**embART 2.0**”- International Online Symposium for the Best Practices in Clinical Embryology to be held on 24th & 25th July, 2021.

The theme of this Symposium is “**FROM BELL JARS TO BENCHTOPS**”. **embART 2.0** will feature world renowned faculties from across the globe on a single platform to spread the knowledge, with wide range of synchronized sessions focusing on infertility and reproductive biology guaranteed to stimulate and motivate the audience.

A 2-day Symposium consisting of Pre-Congress Masterclass, Keynote Lectures, Oral Presentations, Interactive Debates and Panel Discussions on Cutting-Edge Research in the field of Human Reproduction and Fertility. The Pre-Congress Masterclass is specially designed for in-depth knowledge and enables you to choose the deliberations specific to your area of interest and clinical practice.

In totality, **embART 2.0** is an innovative and informative event that talks about latest research and techniques used in the field of Clinical Embryology across the world, informs about the processes in clinical governance and Quality improvement and exposes audiences to Clinical Embryology innovators and experts.

We welcome you and look forward to your participation.

A platform to educate yourself..... listen, get inspired, learn, practise and flourish.

Regards,



About iHERA

International Human Embryology Research Academy or iHERA is an online, not for profit platform, which envisions for enhancing the knowledge for anyone who wants to expand their information horizon right from basics to expert level. iHERA being in its initial phase; we aim high yet keep our feet grounded. We believe in growing together and welcome all interested in growing with iHERA.

iHERA aims to provide a platform for researchers to share their work from the field of embryology and increase their audience and reach. By providing this means iHERA believes to fulfil the basic need of every aspiring embryologist and researcher – the need to get recognized.

Founders

Dr. Ved Prakash
Founder

Dr. Sanjay Shukla
Co-Founder

Dr. Charudutt Joshi
Co-Founder

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Dr. Sanketh Dhumal Satya

Dr. Paresh Makwana

Dr. Akash Agarwal

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embART 2.0

International Online Symposium
for the Best Practices in Clinical Embryology

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Organizing Chairperson

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Co-Chairperson

Dr. Charudutt Joshi



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Scientist and Consultant
Clinical Embryologist



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Senior Consulting
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Pre-Congress Masterclass

THEME - TECHNOLOGY, QUALITY & IVF

PROGRAM COORDINATORS

Dr. Tarika Deora

Ms. Yoshita Tanwar

Ms. Nidhi Singh

Ms. Tejaswani Konari

DAY-1

Date: Saturday, 24th July 2021

Time: 02:00 pm - 07:15 pm IST

INAUGURAL PROGRAM (02:00 pm onwards)

Time	Duration	Topic	Speaker	Moderator
02:10-02:40	20 min	QC in Conventional IVF	Dr. Bindu Chimote	Dr. Deven Patel
	10 min	AUDIENCE INTERACTION		
02:40-03:10	20 min	QC in ICSI	Dr. Rajvi Mehta	Dr. Shrikant Yatnale
	10 min	AUDIENCE INTERACTION		
03:10-03:40	20 min	QC in Embryo Transfer	Dr. Priya Bhave	Dr. Prasanna Kumar Shetty K
	10 min	AUDIENCE INTERACTION		
03:40-04:10	20 min	Quality Control Standards in PGT: Time to Re-Check	Dr. Alpesh Doshi	Dr. Fiona D'souza
	10 min	AUDIENCE INTERACTION		
04:10-04:40	30 min	Quality Control Issues in Handling Culture Media (Cryo Bio System, India)	Dr. Antonio Alcaide Raya	Dr. Randhir Singh
	10 min	AUDIENCE INTERACTION		

Time	Duration	Debate	Speakers	Judges
04:40-05:10	10 min	Conventional Methods of Sperm Preparation	Dr. Sanketh Dhumal Satya	Dr. Akanksha Mishra
	10 min	Advanced Methods of Sperm Preparation	Dr. Rahul Sen	Dr. Ann Margaret Mangalaraj

10 min AUDIENCE INTERACTION

Time	Duration	Panel Discussion	Moderators	Panelists
05:10-06:10	60 min	What do you mean by Quality in IVF? Technology - Results- Patient satisfaction?	Dr. Nishad Chimote Dr. Akash Agarwal	Dr. Sayali Kandhari Dr. Gaurav Kant Dr. Kersi Avari Dr. Pranay Ghosh Dr. Vandna Hegde Dr. Paresh Makwana

Time	Duration	Topic	Speaker	Moderator
06:10-06:40	20 min	QC in Vitrification (Cryo Bio System, India)	Dr. Joe Connaghan	Dr. Prabhakar Singh

10 min AUDIENCE INTERACTION

06:40-07:10	20 min	How AI & Machine Learning are Revolutionizing Quality Control in IVF	Dr. Carol Lynn Curchoe	Dr. Nirmal Bhasin
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10 min AUDIENCE INTERACTION

Concluding Remarks & Vote of Thanks

emART 2.0

Scientific Symposium

THEME - FROM BELL JARS TO BENCHTOPS

PROGRAM COORDINATORS

Dr. Rahul Sen | Dr. Sanketh Dhumal Satya | Dr. Paresh Makwana | Dr. Akash Agarwal

DAY-2

Date: Saturday, 25th July 2021

Time: 08:45 am - 07:45 pm IST

INAUGURAL PROGRAM (8.45 am onwards)

Time	Duration	Topic	Speaker	Moderator
09:00-09:30	20 min	Humidification: The Veterinary Horse of Embryology	Dr. Gabor Vajta	Dr. Chandan N
	10 min	AUDIENCE INTERACTION		
09:30-10:00	20 min	Routine Semen Analysis. Should the WHO criteria for normal sperm be the driving force for selecting the fertilization method?	Dr. George Liperis	Dr. Sushil Kumar Chopra
	10 min	AUDIENCE INTERACTION		
10:00-10:30	20 min	2PN or Not 2PN? How Genetic Fertilization Checks Answer the Question?	Dr. Colleen Lynch	Dr. Natachandra Chimote
	10 min	AUDIENCE INTERACTION		
10:30-11:00	20 min	Definition of Developmentally Incompetent Embryo	Dr. Danilo Cimadomo	Dr. Ratna Chattopadhyay
	10 min	AUDIENCE INTERACTION		
11:00-11:30	20 min	Epigenetic Risk Assessment of Assisted Reproduction Technologies	Dr. Laura Rienzi	Dr. Pankaj Talwar
	10 min	AUDIENCE INTERACTION		

Time	Duration	Panel Discussion	Moderators	Panelists
11:30-12:30	60 min	KPI: Maximize the Results: Embryo Culture- The Man, The Machine, The Tools	Dr. Sarabpreet Singh Dr. Krishna Chaitanya	Dr. Shubhangi Gangal Dr. Sanjay Shukla Dr. Varsha Samson Roy Dr. Sujata Ramkrishnan Dr. Charulata Chatterjee Dr. Sapna Srinivas

Time	Duration	ORATION	Speaker	Chairpersons
12:30-01:00	30 min	DR. SUBHASH MUKHERJEE Incubation Technology in 40 Years of IVF & Future of ART	Dr. Jayant Mehta	Dr. Ved Prakash Dr. Sanjay Shukla Dr. Charudutt Joshi

Time	Duration	Topic	Speaker	Moderator
01:00-01:30	20 min	Oocyte Cryopreservation: How to Maximize the Outcome?	Dr. Birol Aydin	Dr. Goral Gandhi
	10 min	AUDIENCE INTERACTION		
01:30-02:00	20 min	Genetic Toolkit for Male Infertility in Fertilisation Failure	Dr. Marc Torra Massana	Dr. Sunil Jindal
	10 min	AUDIENCE INTERACTION		

POWER BREAK 10 MIN

Time	Duration	Topic	Speaker	Moderator
02:10-02:40	20 min	Role of Extracellular Vesicles in Reproduction	Dr. Krishna Chaitanya Pavani	Dr. A S Ansari
	10 min	AUDIENCE INTERACTION		
02:40-03:10	20 min	Establishing a QMS in a newly constructed ART LAB	Dr. Lynne Nice	Dr. Sandeep KarunaKaran
	10 min	AUDIENCE INTERACTION		

Time	Duration	Debate	Speakers	Judges
03:10-03:40	10 min	Choo-U-Sing The Best Day For Embryo Vitrification	Dr. Manika Saxena	Dr. Kuldeep Jain
	10 min	DAY 3	Dr. Jayalakshmi Shoraff	Dr. Ramdoss Srinivassan
	10 min	AUDIENCE INTERACTION		

Time	Duration	Topic	Speaker	Moderator
03:40-04:10	20 min	Synthetic Protein-Free chemically defined media for human ART: Compliance with safety, regulatory and cultural norms	Dr. Jaffar Ali	Dr. Brig R. K. Sharma
	10 min	AUDIENCE INTERACTION		
04:10-04:40	20 min	Optimization of ICSI timing by non-invasive PLM spindle evaluation in order to minimize in vitro induced alteration of embryo development	Dr. Daniel Hlinka	Dr. Deepak Goenka
	10 min	AUDIENCE INTERACTION		
04:40-05:10	20 min	Intracellular Calcium and Oocyte Quality	Dr. Omar Farhan Ammar	Dr. Geeta Goswami
	10 min	AUDIENCE INTERACTION		
05:10-05:40	20 min	Double Trouble: Present Situation of eSET	Dr. Matheus Roque	Dr. K. D. Nayar
	10 min	AUDIENCE INTERACTION		
05:40-06:10	20 min	The Impact of Fresh and Frozen Testicular Tissue Quality on Embryological and Clinical Outcomes	Dr. Alexia Chatziparasidou	Dr. Saroj Agarwal
	10 min	AUDIENCE INTERACTION		
06:10-06:40	30 min	EXPERT PANEL: Current Scenario of Third Party Reproduction in India	Dr. Sonia Malik Dr. Nayana Patel Dr. Rajul Tyagi	Dr. Vandana Bhatia

Time	Duration	Panel Discussion	Moderators	Panelists
06:40-07:40	60 min	Incubators: From Bell Jars to Benchtops	Dr. Vijay Mangoli Dr. Keshav Malhotra	Dr. Ved Prakash Dr. Srinivas M S Dr. Charudutt Joshi Dr. Alex Verghese Dr. Suresh Kattera Dr. Sudesh Kamat Dr. Yousef Alhelou

Valedictory & Winner Announcement

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