



Genetics Embryology & Endocrinology Symposium •

Omni San Diego Hotel | May 30th-June 1st, 2024

## Thursday, May 30th

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
Opens at 4pm	<b>Registration Opens</b> MAIN LOBBY	
6:00 - 9:00 PM	<b>Welcome Reception</b> PALM TERRACE	
Nabil Arrach Introduction	<b>Happy Hour &amp; Cocktails</b> PALM TERRACE	

## Friday, May 31st

7:00 - 7:30 AM	<b>Continental Breakfast</b> FOYER	
7:30 - 7:45 AM	<b>Welcome to Genes</b> REVELA ROOM	Dr. Nabil Arrach
7:45 - 8:15 AM	'Sequencing the Whole Genome of the Embryo'	Dr. Santiago Munne
<b>Segment 1: Clinical Embryology</b> REVELA ROOM		
8:15 - 8:20 AM	Intro-Moderator	Dr. Mili Thakur





Genetics Embryology & Endocrinology Symposium •

Omni San Diego Hotel | May 30th-June 1st, 2024

## Friday, May 31st (Continued)

### Segment 1: Clinical Embryology

REVELA ROOM

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
8:20 - 8:40 AM	'Live Imaging of Human Embryos: What Lies Below the Surface'	Dr. Denny Sakkas
8:45 - 9:05 AM	'What's that Smell? VOCs in the Laboratory'	Dr. Kim Pomeroy
9:10 - 9:25 AM	'Objective Morphology Assessment and Predictive Development Models Improve IVF Outcome'	Dr. Klaus Wiemer
9:30 - 9:40 AM	Roundtable Discussion Moderators	Dr. Mili Thakur & Rohi Hourvitz

9:40 - 10:20 AM

PREVIDA ROOM

**Coffee Break**

### Segment 2: Genetics and PGT (Debate)

REVELA ROOM

10:20 - 10:25 AM	Intro-Moderator	Dr. Amber Cooper
10:25 - 10:35 AM	'Non-Invasive Embryo Screening using AI Powered Metabolic Assay'	Dr. Nabil Arrach





Genetics Embryology & Endocrinology Symposium •

Omni San Diego Hotel | May 30th-June 1st, 2024

## Friday, May 31st (Continued)

### Segment 2: Genetics and PGT (Debate)

REVELA ROOM

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
10:40 - 10:50 AM	'Genetics and PGT'	Dr. Nastaran Foyouzi
10:55 - 11:05 AM	'Comprehensive Carrier Screening Panels: Are we heading in the Right Direction?'	Rawan Awwad
11:10 - 11:45 AM	Roundtable Debate	Dr. Amber Cooper & Michelle Perugini

11:45 - 12:50 AM

**PREVIDA ROOM**  
**LUNCH**

### PREVIDA ROOM Roundtable Sessions

12:00 - 1:00 PM	'So You Want to Start and Egg Bank?'	Dr. Danielle Lane
12:00 - 1:00 PM	'Technology Advancements in Cryostorage'	Devin Mohanan





Genetics Embryology & Endocrinology Symposium •

Omni San Diego Hotel ☒ May 30th-June 1st, 2024

## Friday, May 31st (Continued)

### PREVIDA ROOM Roundtable Sessions

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
12:00 - 1:00 PM	'Innovation in Reproductive Endocrinology'	Dr. Dmitri Dozortsev
12:00 - 1:00 PM	'Comprehensive Testing on Embryos: WGS and Polygenic Risk Score'	Rawan Awwad
12:00 - 1:00 PM	'Embryologists Training: The Path to Leadership'	Debbie Venier
12:00 - 1:00 PM	'Can Growth Hormones Help with Fertility in Poor Responders?'	Dr. Alexander Quaas
12:00 - 1:00 PM	'AI in Ovarian Stimulation'	Dr. Fernanda Pacheco
12:00 - 1:00 PM	'Epigenetics for Infertility Management'	Dr. Mili Thakur
12:00 - 1:00 PM	'Addressing VOCs in the Laboratory'	Dr. Kim Pomeroy
12:00 - 1:00 PM	'Transcriptional Profile of Competent Embryo'	Dr. Svetlana Madjunkova





Genetics Embryology & Endocrinology Symposium •

Omni San Diego Hotel 📍 May 30th-June 1st, 2024

## Friday, May 31st (Contiued)

### Segment 3: Innovation in IVF REVELA ROOM

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
12:55 - 1:00 PM	Intro-Moderator	Dr. Alexander Quass
1:05 - 1:25 PM	'The Current Results & Future Applications of Capacitation in Vitro Oocyte Maturation (CAPA-IVM)	Dr. Johan Smitz
1:30 - 1:50 PM	'Fast & Furious: Rewriting Vitrification/Warming Protocols for Human Oocytes'	Dr. Juergen Liebermann
1:55 - 2:15 PM	'The Impact of Ovarian Stimulation on Oocyte Quality'	Dr. Dmitiri Dozortsev
2:15 - 2:25 PM	Roundtable Discussion	Dr. Alexander Quaas & Dr. Denny Sakkas
2:25 - 2:30 PM	Intro-to workshops, next steps, discuss schedule <b>END of Day Remarks</b>	
2:30 - 3:00 PM	<b>PREVIDA ROOM</b> <b>Coffee Break</b>	





Genetics Embryology & Endocrinology Symposium •

Omni San Diego Hotel | May 30th-June 1st, 2024

## Friday, May 31st (Continued)

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
<b>WORKSHOPS</b>		
<b>MITOSURE ROOM</b>		
3:00 - 4:20 PM		
3:00 - 3:15 PM	'One Device Does it all: Collection, Separation, Time Saving, Workflow Improvement	Dr. Juergen Libermann
3:15 - 3:30 PM	'Navigating Fertility with Ease: Unveiling VIDAI's Intuitive EMR Platform	Dr. Remya Darsan
3:30 - 3:45 PM	'Biopsy Loading Techniques for Improved Call Rates'	Bill Venier
3:45 - 4:00 PM	'A Proactive Approach to Cryotank Monitoring'	William Baird
4:00 - 4:20 PM	Impact of RFID Technology on the Management of IVF Cryostorage Inventories'	Sean Pae
4:20 PM	Adjourn for Day <b>END of Day Remarks</b>	Dr. Fernanda Pacheco
4:20 - 5:30 PM	Break/Personal Time	





Genetics Embryology & Endocrinology Symposium •

Omni San Diego Hotel ☒ May 30th-June 1st, 2024

## Friday, May 31st (Contiued)

### BOAT PARTY

Time

Topic

Speaker

6:00 PM

**MEET AT HOTEL  
MAIN LOBBY  
GROUND FLOOR**

6:15 PM

**CHARTER BUS TO PIER  
HOTEL ENTRANCE**

6:30 - 7:00 PM

**BOAT BOARDING  
PIER 1-HORNBLOWER LANDING**

7:00 - 8:00 PM

**COCKTAIL HOUR  
MAIN DECK**

8:00 - 9:00 PM

**BUFFET OPENS/BAR  
REMAINS OPEN ALL NIGHT  
MAIN DECK**

9:00 - 10:00 PM

**DANCING**





Genetics Embryology & Endocrinology Symposium •

Omni San Diego Hotel 📍 May 30th-June 1st, 2024

## Saturday, June 1st

Time

Topic

Speaker

PREVIDA ROOM

**CONTINENTAL BREAKFAST**

7:00 - 7:30 AM

7:30 - 7:45 AM

**WELCOME**

Dr. Fernanda Pacheco

### **Segment 4: Reproductive Endocrinology**

REVELA ROOM

7:45 - 7:50 AM

Intro-Moderator

Dr. Juergen Libermann

7:50 - 8:15 AM

'Growth Hormone  
Supplementation for Poor  
Responders: Current Clinical and  
Translational Evidence'

Dr. Alexander Quass

8:20 - 8:45 AM

'Diminished Ovarian Reserve &  
POF/POI: Casual & Candidate Gene  
Variants & Potential Environmental  
Interactions'

Dr. Amber Cooper

8:45 - 9:00 AM

Roundtable Discussion

Dr. Juergen Libermann,  
Dr. Nastaran Foyouzi

9:00 - 9:30 AM

PREVIDA ROOM

**Coffee Break**



## Saturday, June 1st (Continued)

### Segment 5: Epigenetics and Gene Expression

#### REVELA ROOM

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
9:35 - 9:40 AM	Intro-Moderator	Rawan Awwad
9:45 - 10:10 AM	'Harnessing the Science of Epigenetics for Infertility Management in the era of "Big Data" '	Dr. Mili Thakur
10:15 - 10:40 AM	'Transcriptional Profile of Competent Embryo'	Dr. Svetlana Madjunkova
10:40 - 11:00 AM	Roundtable Discussion	Rawan Awwad & Dr. Denny Sakkas

### Segment 6: Role of AI in Infertility

#### REVELA ROOM

11:05 - 11:10 AM	Intro-Moderator	Dr. Nabil Arrach
11:10 - 11:30 AM	'Applying AI in the IVF Laboratory'	Dr. Alejandro Chavez-Badiola





Genetics Embryology & Endocrinology Symposium •

Omni San Diego Hotel 📍 May 30th-June 1st, 2024

## Saturday, June 1st (Continued)

### Segment 6: Role of AI in Infertility

REVELA ROOM

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
11:35 - 11:55 AM	'AI in Reproduction: The Clinician Perspective'	Rohi Hourvitz
12:00 - 12:20 PM	'How Non-Invasive AI for Embryo Euploidy Assessment Can Enhance PGTA Testing & Lead to Improved Pregnancy & Live Birth Outcomes'	Dr. Michelle Perugini
12:25 - 12:35 PM	Roundtable Discussion	Dr. Nabil Arrach & Dr. Klaus Wiemer
12:35 - 12:40 PM	<b>FAREWELL</b>	Dr. Nabil Arrach