

# The 2nd Online Congress on Future Innovations for Embryologists

June 4-5, 2021

09:00-16:30 EDT (NY, USA)

Chairmen: Denny Sakkas, USA and David K Gardner, Australia

## Day 1 June 4, 2021

### Session 1: Artificial Intelligence in ART

20 min	AI in healthcare: examples from the real world <b>Weiwei Pan, USA</b>
20 min	Sperm selection using AI <b>Alejandro Chavez Badiola, Mexico</b>
20 min	Artificial intelligence in selecting the best embryo <b>Nikica Zaninovic, USA</b>
	Summary Discussion

### Session 2

20 min	The Space Between: how AI can integrate clinical and lab data to improve outcomes <b>Gerard Letterie, USA</b>
15 min	<b>Industry talk:</b> What is a good software for Laboratory quality control and data management for the modern era? <b>Dean Morbeck, New Zealand</b>

### Session 3: Landmark papers in Reproduction

30min	Imaging how the preimplantation embryo forms in real time <b>Nicolas Platcha, USA</b>
	Summary Discussion

### Session 4: The future lab

20 min	The ART Laboratory and the end of natural human procreation as we know it <b>Jacques Cohen, USA</b>
20 min	Lab in a box and Lab in a chip / Towards Automation <b>Gary Smith, USA</b>
20 min	Quality Control and AI <b>Giles Palmer, UK</b>
15 min	<b>Industry talk: Sperm Microfluidics system ,Zymot</b> <b>TBA</b>

### Session 5: Highlights Discussion

15 min	<b>Denny Sakkas, USA &amp; David Gardner, Australia</b>
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## Day 2 June 5, 2021

### Session 6: Assessment of Embryo Normality and Selection

20 min	Preimplantation embryo viability: Media Analysis <b>David Gardner, Australia</b>
20 min	Novel Microscopy methods for embryo analysis <b>Jeremy Thompson, Australia</b>
20 min	Non invasive PGT: Microscopy, media and beyond <b>Denny Sakkas, USA</b>
15 min	<b>Industry talk: Non-Invasive PGT from a company perspective , Igenomix</b> <b>TBA</b>

### Session 7: Landmark papers in Reproduction

30 min	The human endometrium as you have never seen before <b>Carlos Simon, Spain Plenary</b>
15 min	<b>Industry talk</b> <b>TBA</b>

### Session 8: Clinical Perspectives on IVF outcome

20 min	The Environment and Reproduction <b>Linda Giudice, USA</b>
20 min	Adjuvants technologies and IVF <b>Christos Venetis, Australia</b>
	Summary Discussion

### Session 9: Highlights Discussion

15 min	<b>Denny Sakkas, USA &amp; David Gardner, Australia</b>
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