



3RD AI FERTILITY WORLD CONFERENCE

HOTEL CASCAIS MIRAGEM
CASCAIS, LISBON, PORTUGAL

25-27 September 2026





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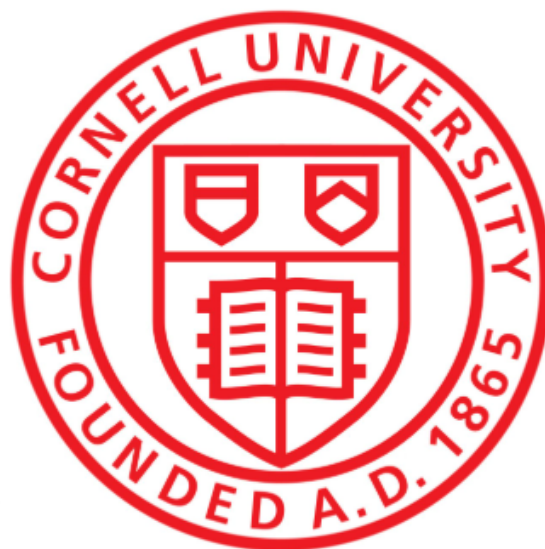
 
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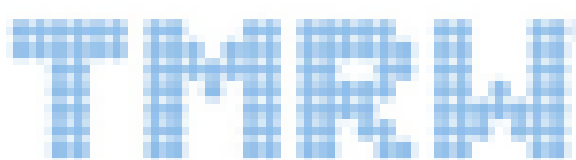
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25th September 2026

8:00-10:00

Welcome Session chaired by Zev Rosenwaks

Chair Welcome

Cristina Hickman

**Inside the IVF Clinic Bottleneck:
Structural Barriers to Better Outcomes**

Clinical View

*Carole
Gilling-Smith*

**The AI Inflection Point in Fertility:
What Works, What Does Not, and What Is Missing**

Embryology View

Nikica Zaninovic

Entrepreneurial View

David Sable

Data Specialist View

Cecilie Jakobsen

Panel led Discussion



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25th September 2026

10:30-13:10

From Buzzword to Strategy chaired by Hyejun Lee

Cutting through the hype to reveal what is easy and what is hard and how to spot real AI opportunities.

Eduardo Hariton

Why AI initiatives fail, how to integrate AI successfully, and the key decisions that will shape your organisations future

Building an AI-First Fertility Clinic:

Cristina Hickman

Lessons from the Front Line from the UK

From buzzword to business strategy

The American Perspective

David Stern

The Asia Pacific Perspective

Hyejun Lee

The Indian Perspective

Vinesh Gadhia

The Latin American Perspective

Chris Rego

The Middle-Eastern Perspective

Eduardo Gonzalez

Panel led Discussion



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25th September 2026

14:10-17:00

Automatic, Clean Data, Safely Stored
chaired Alejandro Chavez Badiola

Conceivables: Validating automation with live births

*Alejandro
Chavez Badiola*

**Automating egg collections to improve
outcome**

Bars Mutlu

SAMA: automating the front office

Santiago Munne

Zero Error IVF:

Mahb Rahman

RFID and Barcoding for Absolute Data Integrity

Automating KPIs in the Lab:

David Chrimes

Using RFID to Turn Workflow into Intelligence

Cryostorage in the Age of Robotics:

Cynthia Hudson

Automation, Traceability, and Risk Reduction

Cybersecurity in Fertility Clinics:

Protecting the Most Sensitive Data in
Healthcare

Chloe He

Agentic AI: Boosting productivity, elevating
employee performance and optimising
customer experience

Fernando Koch

***AI-driven communication agents to improve
patient engagement and operational
efficiency***

Meena Mahil

***Implementing an AI copilot with patient facing
avatar***

Sergei Gorlovetsky

Panel led Discussion



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26th September 2026

08:00-10:00

Oocyte AI Assessment *chaired by Daniela Braga*

**AI-derived oocyte score
as a biomarker influenced by lifestyle factors**

Gabriela Halpern

**AI-derived oocyte scores
to evaluate overnight rescue IVM**

Maite del Collado

**AI-derived oocyte score
as a biomarker influenced by paternal age**

Edson Borges Jr

**AI-derived oocyte cohort
architecture predicts clinical outcome**

Amanda Setti

**AI-derived oocyte cohort metrics
across oocyte yield strata in freezeall cycles**

Renata Ferreira

Factors affecting AI-derived oocyte metrics

Assunto Iaconelli Jr

**Comparative machine learning algorithms
for predicting embryo ploidy
based on sperm DNA fragmentation**

*Abraham
Zavala-Garcia*

**AI-derived oocyte scores improved
with recombinant LH supplementation**

Daniela Braga

Panel led discussion



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10:00-10:50

Responsible Clinical Validation of AI in Fertility *chaired by Teodora Popa*

Debate:

RCTs vs Other forms of validation

Ying Cheong
vs

Rabi Obdia

From Idea to Impact:

Designing Research That Survives Peer Review-
The Academic challenges

Iman Hajirasouliha

From Publication to Co-Founder:

When Research Becomes a Company – Founder
Challenges

Andrew Drakeley

Clinical Validation and Adoption of AI:

What Determines Success or Failure

Daniela Gilboa

From Prototype to Practice:

Technical Validation in Real-World IVF Settings

Jonas Mamlmstein

**A Practical Framework for AI Validation in
Fertility Medicine: The AIFS Consensus**

Teodora Popa

**AI-derived oocyte scores improved
with recombinant LH supplementation**

Daniela Braga

Panel led discussion



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26th September 2026

11:20-13:20

Advanced Imaging and Bio-engineering *chaired by Daria Illiev*

Beyond Brightfield:

Diego Marin

The Next Generation of Embryo Visualisation

Seeing the Unseen:

Daria Illiev

Holotomography and the Future of Cell Imaging

The Global Adoption Gap in Time-Lapse IVF:

Mashan Alshammari

What Is Really Limiting Uptake?

What can AI implementation learn from this

Hyperspectral Imaging:

Samuel Ojos Negros

Unlocking Biochemical Signals Without
Touching the Embryo

FLIM based metabolic imaging of blastocysts to predict polidy

Liesl Nel-Themaat

3D microscopy combined with AI

Paul Balondrade

Sperm identified and selected using AI assistance resulted in improved outcome

Dale Goss

AI use of natural language to describe embryo morphology

Florian Kromp

Advancing Gynaecological ultrasound through automation

Helen O'Neill

Panel led Discussion



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26th September 2026

14:20-17:10

Advanced Imaging and Bio-engineering *chaired by Dan Nayot*

Why RCTs fail AI in IVF - And what we should measure instead

Noam Bergelson

Sperm Intelligence:

Turning Sperm Data into Actionable Decisions

Halil Ruso

Egg Intelligence:

Turning Oocyte Data into Actionable Decisions

Dan Nayot

AI-derived scores demonstrate that most women cryopreserve insufficient oocytes to preserve their fertility

Daniela Braga

Smarter Clinics, Better Outcomes:

Using AI to Optimise IVF Operations

Rohi Hourvitz

Measuring the Invisible: Data-Driven Monitoring of Stress in Fertility Care

Paulina Valpas

Digital Genetics with PGT-P:

Enhancing Genetic Assessment beyond PGT-A and PGT-M

Tobias Wolfram

Making Reproductive Surgery Smart

Aleksandra Goch

Sperm Selection using AI and Robotic Technologies

Betty Meiri

AI assisted prediction of frozen embryo transfer outcome based on hormone profiles

Ihor Pachkiv

AI assisted identification of poor responders who would benefit from dual stimulation

Ihor Pachkiv

AI assisted prediction system to predict reproductive pathologies

Helen O'Neill



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17:10-18:10

Closing Session

**From resistance to readiness: Helping Healthcare teams
and patients embrace AI for better care**

Elizabeth Grill

AI in IVF: the missing piece of the regulatory puzzle

Christine Allen

**AI, Fertility, and Society: AI as a sustainable tool to
humanitarian healthcare**

Kazem Nouri

18:00-18:10 Conference Summary and Close

*Nikica Zaninovic,
Zev Rosenwaks,
Cristina Hickman*



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08:00-12:00

Consensus statement on the responsible
integration of AI in fertility clinical practice





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