

Alfertility.org



3rd World AI Fertility Conference

Hotel Cascais Miragem
Cascais, Lisbon, Portugal | 25-27 September 2026



CONFERENCE AGENCY: Vivid Original +385913330733 iva-simunic@vivid-original.com



Welcome from the Founders

Dear Colleagues,

Welcome to the 3rd World AI Fertility Conference.

Artificial intelligence is transforming fertility care, but its success depends on more than technology. It depends on collaboration.

This conference is unique because it brings together everyone needed to shape the future of AI in reproductive medicine. Embryologists, clinicians, nurses, regulators, patient advocates, robotic engineers, data scientists, inventors, investors and industry leaders are all in one room, united by a common goal: **to bring the benefits of AI to healthcare responsibly, so patients truly benefit.**

Our previous two conferences brought together invited global thought leaders and became catalysts for many of the conversations and collaborations driving AI in fertility today. This year, we are expanding that conversation.

Expect inspiring TED-style talks, insightful and honest panel discussions, practical solutions and opportunities to tackle the real barriers to AI implementation. Whether you are developing AI, evaluating it, regulating it or using it in clinical practice, your voice matters.

Thank you for joining us. Together, we can prepare for the future and shape it.

Imagine what is possible.
Challenge what exists.
Build what comes next.
Shape the future of AI in fertility...

Nikica Zaninovic & Cristina Hickman
Co-Founders World AI Fertility Society



Meet the Founders



Nikica Zanicovic

Dr Nikica Zanicovic is an internationally recognised embryologist, scientist and innovator who has spent more than three decades advancing reproductive medicine. A pioneer in IVF laboratory practice and emerging technologies, he has helped shape many of the scientific advances that define modern fertility care. As Co-Founder of the World AI Fertility Society, he is passionate about bringing together the world's leading experts to accelerate the responsible adoption of artificial intelligence and improve outcomes for patients everywhere.



Cristina Hickman

Dr Cristina Hickman is a Clinical embryologist, entrepreneur and internationally recognised leader in artificial intelligence for reproductive medicine. With more than 26 years of experience, she is the Founder and CEO of Avenues, the world's first fertility clinic to integrate AI technologies throughout the entire patient journey. Cristina has also been the Founder, Executive Director, Chief Clinical Officer or Chief Scientific Officer behind several of the pioneering AI technologies now transforming fertility care. As Co-Founder of the World AI Fertility Society, her mission is to unite clinicians, scientists, engineers and innovators to responsibly harness AI, improving patient outcomes while shaping the future of reproductive healthcare.

United by a shared mission to bring the benefits of AI to fertility care — responsibly and collaboratively.

Speakers:



Nikica Zaninovic



Carole Gilling-Smith



Cecilie Jakobsen



David Sable



Hyejun Lee



Chris Rego



Vinesh Gadhia



Eduardo Gonzalez



Eduardo Hariton



Ying Cheong



Rabi Odia



Prof. Zev
Rosenwaks



Jorgen Berntsen



Semra Kahraman



Ihor Pachkiv



Toni Di Berardino



Helen O'Neill



Diego Marin



Daria Iliev



Samuel Ojos Negros



Paulina Valpas



Liesl Nel Themaat



Paul Balondrade



Florian Kromp



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Imran Akram



Rohi Hourvitz



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Cristina Hickman



Iman
Hajirasouliha



Jonas Malmstein



Chloe He



Tobias Wolfram



Amanda Setti



Daniela Braga



Dan Nayot



Aleksandra Goch



Betty Meiri



Halil Ruso



Saeed Fathi



Alejandro
Chavez Badiola



Bars Mutlu



Cynthia
Hudson



Gaurav Singhal



Santiago
munne



Sergei
Gorlovetsky



David Chrimes



Domantas
Armonavicius



Serdar Coskun



Elizabeth Grill



Christine Allen



Kazem Nouri



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Chaired by
Prof. Zev Rosenwaks

The AI Inflection Point in Fertility:

What Works, What Does Not, and What Is Missing



Nikica
Zaninovic

Embryologist



Carole Gilling-
Smith

Reproductive
Endocrinologist



Cecilie
Jakobsen

Digital Data
Specialist



David Sable

Entrepreneur &
Investor

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25th September 2026

8:00-10:00

Welcome Session chaired by Zev Rosenwaks

Inside the IVF Clinic Bottleneck: Structural Barriers to Better Outcomes

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

Chair Welcome

Cristina Hickman

8:00-8:10

Clinical View

Carole Gilling-Smith

8:10-8:30

Embryology View

Nikica Zaninovic

8:30-8:50

Entrepreneurial View

David Sable

8:50-9:10

Data Specialist View

Cecilie Jakobsen

9:10-9:30

Panel led Discussion

9:30-10:00

Coffee Break

10:00-10:30



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AI: From Buzzword to Business Strategy



Hyejun Lee

Asian
Perspective



Chris Rego

Latin American
Perspective



Vinesh Gadhia

Indian
Perspective



Eduardo
Gonzalez

Middle Eastern
Perspective

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25th September 2026 10:30-11:40

Session 2: chaired by Cristina Hickman

AI: from Buzzword to Business Strategy

Asian Perspective

Hyejun Lee

10:30-10:40

Latin American Perspective

Chris Rego

10:40-10:50

Indian Perspective

Vinesh Gadhia

10:50-11:00

Middle Eastern Perspective

Eduardo Gonzalez

11:00-11:10

Panel led Discussion

11:10-11:40



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Ferring Session: Cutting through the AI Hype



Eduardo
Hariton



Imran Akram

Cutting through the hype to reveal what is easy and what is hard and how to spot real AI opportunities. Why AI initiatives fail, how to integrate AI successfully, and the key decisions that will shape your organisations future

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25th September 2026 11:40-12:10

Session 3: chaired by Michael Cheung

Ferring Symposia: Cutting through the AI Hype

Cutting through the hype to reveal what is easy and what is hard and how to spot real AI opportunities. Why AI initiatives fail, how to integrate AI successfully, and the key decisions that will shape your organisations future

Eduardo Hariton

11:40-12:10



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Debate: RCT is the best way to evaluate AI



Ying Cheong

For



Rabi Odia

Against

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25th September 2026 12:10-13:00

Session 4: chaired by Nikica Zaninovic

Debate: RCT is the best way to evaluate AI

Audience Vote

12:10-12:15

For

Ying Cheong

12:15-12:25

Against

Rabi Odia

12:25-12:35

Audience Questions

12:35-12:45

For rebuttal

Ying Cheong

12:45-12:50

Against Rebuttal

Rabi Odia

12:50-12:55

Audience Vote

12:55-13:00

Lunch

13:00-14:00



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AI: Healthcare implementation challenges



Cristina
Hickman

Challenges of
implementing the
world's first AI clinic



Iman
Hajirasouliha

The academic
challenge



Jonas
Malmstein

The integration
challenge



Chloe He

Cybersecurity in
Fertility care

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25th September 2026 14:00-15:10

Session 5: chaired by Chloe He

AI: Healthcare implementation challenges

Challenges of implementing an
AI-First Fertility Clinic:
Lessons from the Front Line from
the UK

Cristina Hickman

14:00-14:10

From Idea to Impact: Designing
Research That Survives Peer
Review- The Academic challenges

Iman Hajirasouhila

14:10-14:20

Integration challenges in
the real world IVF clinic

Jonas Malmstein

14:20-14:30

Cybersecurity in Fertility Clinics:
Protecting the Most Sensitive Data
in Healthcare

Chloe He

14:30-14:40

Panel led Discussion

14:40-15:10

Coffee break

15:10-15:40



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AI: Gamete Assessment

oocytes



Amanda Setti



Daniela Braga



Dan Nayot

sperm



Betty Meiri



Halil Ruso



Saeed Fathi

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25th September 2026 15:40-17:00

Session 6: chaired by Halil Ruso

AI: Gamete Assessment

Using AI-derived oocyte metrics and how they are influenced by other factors

Amanda Setti

15:40-15:50

Understanding how AI-derived oocyte metrics predict outcome

Daniela Braga

15:50-16:00

Egg Intelligence:
Turning Oocyte Data into Actionable Decisions

Dan Nayot

16:00-16:10

Sperm Selection using AI and Robotic Technologies

Betty Meiri

16:10-16:20

Sperm Intelligence:
Turning Sperm Data into Actionable Decisions

Halil Ruso

16:20-16:30

Sperm identified and selected using AI assistance resulted in improved outcome

Saeed Fathi

16:30-16:40

Panel led Discussion

16:40-17:10

Sunset Boat drinks - meet at Hotel reception 17:30



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AI: Embryo Assessment



Jorgen
Berntsen

Consistency in
embryo ranking



Semra
Kahraman

Efficiency in embryo
assessment



Serdar Coskun

Global adoption of
time-lapse



Toni Di
Berardino

Time-lapse: evaluating
efficacy, safety and outcomes
in human IVF

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26th September 2026

8:00-9:25

Session 7: chaired by Semra Kahraman

AI: Embryo Assessment

Consistency in Embryo Ranking

Jorgen Berntsen

8:00-8:15

Reducing cost to baby with AI embryo assessment

Semra Kahraman

8:15-8:30

The Global Adoption Gap in Time- Lapse IVF: What Is Really Limiting Uptake? What can AI implementation learn from this

Serdar Coskun

8:30-8:40

Cybersecurity in Fertility Clinics: Protecting the Most Sensitive Data in Healthcare

Toni di Berardino

8:40-8:55

Panel led Discussion

08:55-09:25



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Advanced Imaging & Bio-engineering



Diego Marin

optical matrix imaging



Daria Iliev

Holotomography



Samuel Ojos Negros

Hyperspectral



Liesl nel Themaat

FLIM



Paul Balondrade

3D



Florian Kromp

Embryo description by AI

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9:25-11:00

Session 8: chaired by Daria Iliev

Advanced Imaging and Bio-engineering

Beyond Brightfield:
The Next Generation of Embryo
Visualisation

Diego Marin

9:25-9:35

Seeing the Unseen:
Holotomography and the Future of
Cell Imaging

Daria Iliev

9:35-9:45

Hyperspectral Imaging:
Unlocking Biochemical Signals
Without Touching the Embryo

Samuel OjosNegros

9:45-9:55

FLIM based metabolic imaging
of blastocysts to predict polidy

Liesl nel Themaat

9:55-10:05

3D microscopy combined with AI

Paul Balondrade

10:05-10:15

AI use of natural language
to describe embryo morphology

Florian Kromp

10:15-10:25

Panel led Discussion

10:25-11:00

Coffee break

11:00-11:30



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AI for Clinicians



Tobias Wolfram

PGT-P



Ihor Pachiv

Hormones



Rohi Hourvitz

Optimising stimulation



Aleksandra Goch

Smart Surgery



Paulina Valpas

wearables



Helen o'neill

Gynaecology

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Session 9: chaired by Dan Nayot

AI for clinicians

Digital Genetics with PGT-P:
Enhancing Genetic Assessment
beyond PGT-A and PGT-M

Tobias Wolfram

11:30-11:40

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

Ihor Pachiv

11:40-11:50

Smarter Clinics, Better Outcomes:
Using AI to Optimise IVF Operations

Rohi Houvitz

11:50-12:00

Making Reproductive Surgery
Smart

Aleksandra Goch

12:00-12:10

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

Paulina Valpas

12:10-12:20

Advancing Gynaecological
ultrasound
through automation and AI assisted
prediction system to predict
reproductive pathologies

Helen o'Neill

12:20-12:30

Panel led Discussion

12:30-13:00

Lunch

13:00-14:00



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Machine Data Capture, Human Data Verification



Santiago
munne

Sama: automating
the front office



Sergei
Gorlovetsky

AI copilot with
patient facing avatar



David Chrimes

From RFID to KPI



Domantas
Armonavicius

From Data to
Intelligence

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14:00-15:20

Session 10: chaired by Daniella Gilboa

AI: Embryo Assessment

SAMA: automating the front office

Santiago Munne

14:00-14:10

Implementing an AI copilot with
patient facing avatar

Sergei Gorlovetsky

14:10-14:20

Automating KPIs in the Lab:
Using RFID to Turn Workflow into
Intelligence

David Chrimes

14:20-14:35

From data to intelligence

Domantas Armonavicius

14:35-14:50

Panel led Discussion

14:50-15:20



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Robotics & Automation



Alejandro
Chavez Badiola

From egg search to
embryo vitrification



Bars Mutlu

Automating
egg collection



Cynthia
Hudson

Cryostorage



Gaurav Singhal

Structured data
& Agentic AI

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15:20-16:40

Session11: chaired by Gaurav Singhal

Robotics & Automation

Conceivables: Validating automation
with live births

Alejandro Chavez Badiola 15:20-15:30

Automating egg collections to
improve outcome

Bars Mutlu 15:30-15:40

Cryostorage in the Age of Robotics:
Automation, Traceability, and Risk
Reduction

Cynthia Hudson 15:40-15:55

Structured Data and Agentic AI

Gaurav Singhal 15:55-16:10

Panel led Discussion

16:10-16:40



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Closing Session



Elizabeth Grill

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



Christine Allen

**AI in IVF: the missing piece of
the regulatory puzzle**



Kazem Nouri

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



Cristina Hickman



Nikica Zaninovic



Zev Rosenwaks

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16:40-17:15

Session 12: chaired by Cristina Hickman

Closing Session

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

Elizabeth Grill

16:40-16:50

AI in IVF: the missing piece of the
regulatory puzzle

Christine Allen

16:50-17:00

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

Kazem Nouri

17:00-17:10

Conference summary and close

Cristina Hickman, Nikica Zaninovic, Zev Rosenwaks

17:10-17:15

Beach Activities - Meet at Hotel reception at 17:30

27th September 2026 08:00-12:00

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



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Overlooking
the ocean

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2754-536 Cascais - Portugal

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Artificial
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Fertility Society



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