

Online Master Continuing Education in the Biotechnology of Human Assisted Reproduction and Embryology

13th Edition Course 2024/2026
In collaboration with AEDIT - Fundación Universidad
Empresa de la Universidad de Valencia





Course information

Credits: 60 ECTS

Modality: Online

Fees: 6,700€ (to confirm)

Starting date: November 2024

End date: January 2026

Admission requirements: Applicants must have a minimum of a Bachelor's Degree in a clinical or scientific subject related to the field of reproduction or clinical embryology. Apart from the normal graduate studies application procedure, the applicant's acceptance is subject to the University and Course Director's supervision.

Course management

Organization: The Valencian Infertility Institute (IVI)

Course Directors: José Bellver, MD, Ph.D University Professor. Department of Pediatrics, Obstetrics and Gynecology at University of Valencia. José Remohí, MD, Ph.D. University Professor. Department of Pediatrics, Obstetrics and Gynecology, University of Valencia. Nicolás Garrido, Ph.D. IVI Foundation Director

Registration or further information at:

Helena Garay: education.moli@ivirma.com

Program

Module 1. Human reproduction physiology

Module 2. Oogenesis, spermatogenesis and their deficiencies

Module 3. Fertilization, embryo development and techniques to obtain in vivo produced embryos

Module 4. Sterility

Module 5. Basic research in human reproduction

Module 6. Basic techniques in assisted reproduction

Module 7. The andrology laboratory

Module 8. The IVF laboratory

Module 9. Sex determination techniques

Module 10. In vitro production of embryos. Embryo culture

Module 11. Cryobiology. Preservation of maternal and paternal inheritance embryo preservation

Module 12. Embryo quality improvement

Module 13. Multiplication of embryos and gametes

Module 14. The preimplantation genetic testing laboratory

Module 15. Stem cells

Module 16. Ethical and legal aspects of human assisted reproduction techniques

Course Directors



José Bellver,
MD, Ph.D. University
Professor. Department of
Pediatrics, Obstetrics and
Gynecology, University of
Valencia.



José Remohí,
MD, Ph.D. University
Professor. Department of
Pediatrics, Obstetrics and
Gynecology, University of
Valencia.



Nicolás Garrido,
Ph.D. IVI Foundation
Director

Module Coordinators

Nuria Pellicer de Castellví, MD, Ph.D. Gynecologist. Specialist in Reproductive Medicine. Reproductive Medicine Unit, IVI Valencia.

Marcos Meseguer Escrivá, Ph.D. Clinical Embryologist. IVF Scientific Supervisor. IVF Laboratory, IVI Valencia

María José de los Santos, Ph.D. IVF Laboratory Director, IVI Valencia

Francisco Domínguez Hernández, Ph.D. Co-Lab Manager. Principal Researcher. IVI Foundation

Nicolás Garrido Puchalt, PhD. IVI Foundation Director. Fertility & Sterility Associate Editor

María José de los Santos Molina, Ph.D. Clinical Embryologist. IVF Laboratory Director. IVI Valencia

Amparo Mercader Bayarri, Ph.D. Clinical Embryologist. PGT-IVF Laboratory Coordinator. IVI Valencia

Patricia Díaz-Gimeno, Ph.D. Principal Researcher. IVI Foundation

Irene Cervelló Alcaraz, Ph.D. Co-Lab Manager. Principal Researcher. IVI Foundation

Ana Cobo, Ph.D. Director of the Criobiology Unit in the IVF lab, IVI Valencia

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education.info@ivirma.com

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