

Master Degree

In the Biotechnology of Human Assisted Reproduction and Embryology

60 ECTS

Course **2018-2019**

Master Degree

In the Biotechnology of Human Assisted Reproduction and Embryology

COURSE INFORMATION

Credits: 60 ECTS

Modality: online

Fees: 6,000€

Starting date: November 2018

End date: December 2019

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:

Carlos Antonio Simón Vallés, MD. University Professor.
Department of Pediatrics, Obstetrics and Gynecology,
University of Valencia.

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

Registration or further information at:

Helena Garay: education.moli@ivirma.com

PROGRAM

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| Module 1. Human Reproduction Physiology | Module 9. Sex determination techniques |
| Module 2. Oogenesis, Spermatogenesis and their Deficiencies | Module 10. In vitro production of embryos. Embryo culture |
| Module 3. Fertilization, embryo development and techniques to obtain in vivo produced embryos | Module 11. Cryobiology. Preservation of maternal and paternal inheritance. Embryo preservation |
| Module 4. Sterility | Module 12. Embryo quality improvement |
| Module 5. Basic Research in Human Reproduction | Module 13. Multiplication of embryos and gametes |
| Module 6. Basic techniques in Assisted Reproduction | Module 14. The Preimplantation Genetic Testing Laboratory |
| Module 7. The Andrology Laboratory | Module 15. Stem cells |
| Module 8. The IVF Laboratory | Module 16. On the cutting-edge of Human Assisted Reproduction |

PROFESSORS AND TUTORS

Course Directors

Carlos Antonio Simón Vallés, MD.

University Professor. Department of Pediatrics, Obstetrics and Gynecology, University of Valencia.

Nicolás Garrido Puchalt, PhD.

IVI Foundation Director. Fertility & Sterility Associate Editor.

Module Coordinators

Elena Labarta Demur, MD.

Gynecologist. Specialist in Reproductive Medicine. Reproductive Medicine Unit, IVI Valencia.

Marcos Meseguer Escrivá, PhD.

Clinical Embryologist. IVF Scientific Supervisor. IVF Laboratory, IVI Valencia.

María José Escribá Pérez, PhD.

Clinical Embryologist. IVF Laboratory, IVI Valencia.

Francisco Domínguez Hernández, PhD.

Co-Lab Manager. Principal Researcher. IVI Foundation.

Nicolás Garrido Puchalt, PhD.

IVI Foundation Director. Fertility & Sterility Associate Editor.

María José de los Santos Molina, PhD.

Clinical Embryologist. IVF Laboratory Director. IVI Valencia.

Amparo Mercader Bayarri, PhD.

Clinical Embryologist. PGT-IVF Laboratory Coordinator. IVI Valencia.

Patricia Díaz-Gimeno, PhD.

Principal Researcher. IVI Foundation.

Irene Cervelló Alcaraz, PhD.

Co-Lab Manager. Principal Researcher. IVI Foundation.



For further information:
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