



Lorena Bori Arnal

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Date of document: 16/09/2025

v 1.4.3

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

Lorena Bori is a postdoctoral researcher at IVIRMA Research Alliance - IVI Foundation, Instituto de Investigación Sanitaria La Fe, located in Valencia, Spain. She graduated with a degree in Biology in 2016, completed a Master's in Biotechnology of Assisted Human Reproduction in 2018, and earned a Ph.D. in Medicine in 2023 from the University of Valencia, Spain.

Dr. Bori specializes in embryo evaluation and selection through non-invasive methodologies and the application of artificial intelligence in assisted reproduction. She has participated in over 100 presentations at national and international conferences, has been an invited speaker at prestigious forums, and is the author or co-author of 18 scientific articles and 2 book chapters.

Additionally, she has undertaken international research stays to validate artificial intelligence models in collaboration with leading centers, further establishing her expertise in assisted reproduction and biomedical research.

She serves as a reviewer for various scientific journals in the field of Reproductive Medicine, including the International Journal of Obstetrics and Gynaecology, the Journal of Assisted Reproduction and Genetics, and Reproductive BioMedicine Online. In recognition of her work, she received the Innovation Award from ASEBIR in 2019 and the Extraordinary Doctoral Thesis Award from the University of Valencia in 2024. She is also a member of the Ethics Committee for Research at IVI Valencia (Instituto Valenciano de Infertilidad).

Lorena Bori es investigadora postdoctoral en IVIRMA Research Alliance - IVI Foundation, Instituto de Investigación Sanitaria La Fe, ubicado en Valencia, España. Se graduó en Biología en 2016, completó un Máster en Biotecnología de la Reproducción Humana Asistida en 2018 y obtuvo un Doctorado en Medicina en 2023 en la Universidad de Valencia, España.

La Dra. Bori está especializada en la evaluación y selección embrionaria mediante metodologías no invasivas y el uso de inteligencia artificial aplicada a la reproducción asistida. Ha participado en más de 100 presentaciones en congresos nacionales e internacionales, siendo ponente invitada en foros destacados, y es autora o coautora de 18 artículos científicos y 2 capítulos de libros.

Además, ha realizado estancias internacionales para la validación de modelos de inteligencia artificial en colaboración con centros de referencia, consolidando su trayectoria en el ámbito de la reproducción asistida y la investigación biomédica.

Es revisora en diferentes revistas científicas en el área de la Medicina Reproductiva, incluyendo International Journal of Obstetrics and Gynaecology, Journal of Assisted Reproduction and Genetics y Reproductive Bio-Medicine Online.

En reconocimiento a su trayectoria, ha recibido el Premio a la Innovación por ASEBIR en 2019 y el Premio Extraordinario a la Tesis Doctoral por la Universidad de Valencia en



2024. Asimismo, es miembro del Comité Ético de Investigación de IVI Valencia (Instituto Valenciano de Infertilidad).