



Advancements in Molecular Research on Infertility

Guest Editor:

**Dr. Manuel Fernández-
Sánchez**

Department of Molecular Biology
and Biochemical Engineering,
Universidad Pablo de Olavide,
41013 Sevilla, Spain

Deadline for manuscript
submissions:

closed (20 April 2025)

Message from the Guest Editor

Dear Colleagues,

We are pleased to announce this Special Issue, highlighting recent advancements in molecular research on infertility and reproduction-related diseases. This issue aims to explore various key research areas including the identification of molecular biomarkers for investigating reasons for infertility and assessing gamete quality and reproductive potential through non-invasive methods.

Contributions are sought on biomarkers in diverse sources such as sperm cells, sperm plasma, follicular fluid, granulosa cells and embryo culture media. These biomarkers hold promise as predictive tools for the success of assisted reproduction techniques.

Additionally, several blood-based biomarkers have shown potential as predictors of pregnancy outcomes, and their validation may revolutionize prenatal care, enabling early intervention and personalized treatments. Furthermore, the investigation of immunologic biomarkers represents a fascinating avenue for exploring new frontiers in reproductive health research.

We therefore invite academic and industrial investigators to submit original research articles and reviews discussing recent advancements in these areas.





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Prof. Dr. José L. Quiles

Department of Physiology,
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Technology “Jose Mataix”,
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Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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