

Special Issue

Advanced Techniques in Reproductive Medicine Research 2.0

Message from the Guest Editors

Research in reproductive medicine is becoming a multidisciplinary field, combining molecular biology techniques with new advanced approaches aimed at investigating the cause of reproductive failure and related diseases, or exploring the development of new diagnostics or therapeutics as well as exceptional challenges like the artificial ovary. This issue invites research that aims at unravelling the molecular mechanisms underlying female and male human reproduction in addition to the use of unconventional and novel technical approaches that will help to preserve, promote, or restore healthy reproductive function. We are most interested in technical methods dealing with X-ray techniques, vibrational spectroscopy, molecular imaging, omic technologies, AFM, and other advanced microscopies, as well as avantgarde therapeutic and diagnostic approaches like nanomedicine and nanotechnology, photobiomodulation therapy, microfluidics, and lab-on-chip.

Guest Editors

Dr. Lorella Pascolo

Institute for Maternal and Child Health, IRCCS Burlo Garofolo, 34137 Trieste, Italy

Prof. Dr. Giuseppe Ricci

1. Institute for Maternal and Child Health, IRCCS Burlo Garofolo, 34137 Trieste, Italy

2. Department of Medicine, Surgery and Health Sciences, University of Trieste, Trieste, Italy

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. José L. Quiles

Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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