

Special Issue

Research on Female Reproductive Health and Metabolism

Message from the Guest Editor

In recent decades, reproductive disorders have emerged as a major public health concern, particularly in women's health. Globally, infertility is estimated to affect between 8 and 12% of reproductive-aged couples, and adverse pregnancy outcomes have been demonstrated to significantly impact human health in both the short and long term. Although infertility has traditionally been associated with severe malnutrition and allostatic overload, the existence of a significant association between obesity and an increased risk of reproductive dysfunction is now recognized. Chronic inflammation, oxidative stress, lipotoxicity and altered levels of adipocytokines, such as leptin, are just some of the factors involved in this association. This Special Issue will therefore present advances in understanding how metabolic dysfunction may impact female reproductive function and, conversely, how reproductive diseases may lead to metabolic changes, with the aim of improving our knowledge about female reproductive pathophysiology and its management in terms of both medical care and quality of life.

Guest Editor

Dr. Alice Bongrani

Cardiorenal and Hypertension Research Unit, Department of Medicine and Surgery, University of Parma, Parma, Italy

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Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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