

Special Issue

Role of Oxidative Stress and Antioxidants in Women's Reproductive and Sexual Health

Message from the Guest Editor

Some physiological processes depend on the formation of reactive oxygen species (ROS), which enables and ensures that the cells and tissues are operating in a homeostatic environment. However, oxidative stress occurs due to increased levels of ROS and/or a weakened antioxidative potential. Moreover, it is known that oxidative stress levels vary between genders and depend on hormone-related alterations. Reproductive and sexual health are dependent on global redox homeostasis, but research data on the role of antioxidants in the prevention and treatment of oxidative stress-related pathologies in women are conflicting.

Original and review articles (including experiments on animals or human studies) addressing these topics are invited for this Special Issue, which is focused on the determination of oxidative stress biomarkers in reproductive and sexual disorders in women as well as the role of antioxidants in mitigating pathophysiological disturbances and exhibiting preventive or therapeutic potential.

Guest Editor

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Deadline for manuscript submissions

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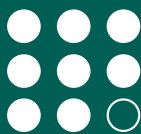


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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

Editor-in-Chief

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