

Special Issue

Pathogenesis, Diagnosis and Therapy of Ovarian Disorders and Infertility

Message from the Guest Editor

Premature ovarian insufficiency (POI), also known as premature ovarian failure (POF), is defined as hypergonadotropic ovarian failure occurring prior to 40 years of age. Recent advances in understanding the etiology of POI/POF are encouraging. The more we learn about the molecular events of early ovarian folliculogenesis, follicular atresia, ovarian stem cell biology and egg maturation, the more we can envision innovative therapeutics for POI/POF patients. Along these lines, early attempts at gene and stem cell therapy for POI/POF in preclinical models and in patients also show some promise. In this Special Issue, we want to present the most current and cutting edge information on the etiology, pathogenesis and therapy of POI/POF. We anticipate that this Special Issue will therefore be an excellent contribution to the field and will constitute an up-to-date modern practical reference for OB/GYNs, reproductive medicine specialists, primary care practitioners and any clinician, nurse or health care worker caring for women living with POI/POF.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2018)



Biomedicines

an Open Access Journal
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Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/13253

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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