Special Issue

Study on Ovarian Follicle Development

Message from the Guest Editors

The ovarian follicular unit can remain quiescent in the parenchyma of the ovary for decades until activated, and only a select few release oocytes for fertilization. The mechanisms involved in follicular activation, as well as environmental effects during this process, are not completely understood. In addition, while in vitro culture of rodent follicles can yield live pups, current culture methods have yet to result in live offspring in other mammalian species. Further development of these organoid methods could help increase the number of oocytes available for fertilization from an individual. This impacts not only humans seeking assisted reproductive therapies, but also livestock and wildlife (conservation) reproduction. This Special Issue on follicular development focuses on the latest findings in these areas and covers a wide range of mammalian species and models.

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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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