



## Signaling Molecules in Mammalian Reproduction

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Deadline for manuscript  
submissions:

**closed (31 October 2021)**

### Message from the Guest Editors

Dear Colleagues,

Efficient communication between cells and tissues is necessary for many physiological processes, including embryo development. Typically, inside the body, mammalian cells communicate with each other either through direct interaction (juxtacrine signalling) or by secreting molecules such as hormones, growth factors, and cytokines. Mammalian preimplantation embryos develop in vivo inside the female genital tract (i.e., the oviduct and uterus) and communicate with these dynamic and elastic surroundings on which the embryo depends for its development and survival. Recent decades have seen a growing interest in the study of miRNAs, extracellular vesicles, proteins, and other signalling molecules driven by their role in cellular communication, and potential as biomarkers.

The scope of this Special Issue includes reviews and original research papers focused on identifying or characterizing different signalling factors that are involved in mammalian reproduction both in vivo and in vitro. However, articles related to the use of animals solely to provide information of relevance to humans are not suitable for this Special Issue.





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## Message from the Editor-in-Chief

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