



Gametogenesis and Gamete Interaction

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Message from the Guest Editor

Sexual reproduction is one of the most important events in living organisms, which is critical for creating new individuals and for the sustainable existence of each species. Even unicellular organisms or asexual reproductive organisms utilize sexual reproductive strategy for surviving in terrestrial environments. Sexual reproduction comprises gametogenesis and gamete interaction. The former includes meiosis and gamete maturation/morphogenesis, while the latter includes the events of sperm attraction and activation, species-specific and allo-specific gamete recognition and binding, acrosome reaction, sperm penetration of egg coat, gamete fusion, and egg activation. The present Special Issue focuses on the above topics in the sexual reproduction of animals and plants. In particular, the submission of original and review articles on the novel findings and idea of the molecular mechanisms of sexual reproduction will be greatly appreciated.





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