Special Issue

Sex Differences in Health and Disease: Mechanisms and Outcomes

Message from the Guest Editor

The importance of sex as a biological variable has become increasingly apparent. In research design and data interpretation, the consideration of sex as a variable or confound is critical for validity and generalizability of research findings. All sex differences in expression and signaling cannot be explained by sex hormones alone. Often, the same disease has sex-specific outcomes, but the cellular, molecular, and physiological basis for these differences are poorly understood. Understanding and defining sex-specific signaling pathways that operate at baseline and in diseased states are key to designing effective therapeutics. This Special Issue aims to summarize the current knowledge on known differences in signaling and behavior between the sexes. We look forward to your contributions.

Guest Editor

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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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