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## Sex Differences in Health and Disease: Mechanisms and Outcomes

Guest Editor:

### **Prof. Dr. Aditi Bhargava**

Center for Reproductive  
Sciences, Department of Ob/Gyn,  
University of California San  
Francisco, 513 Parnassus Ave.,  
Box 0556, San Francisco, CA  
94143, USA

Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### **Message from the Guest Editor**

Dear Colleagues,

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.

Prof. Dr. Aditi Bhargava  
*Guest Editor*



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# Special Issue



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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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*Cells* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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