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## State-of-the-Art Research on Histone Deacetylases (HDACs)

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Deadline for manuscript  
submissions:

**31 August 2024**

### Message from the Guest Editor

Dear Colleagues,

We are thrilled to present a Special Issue in *Cells* dedicated to the captivating realm of histone deacetylases.

Histone deacetylases (HDACs) are a class of enzymes that play an important role in the structural modification of chromosomes and the regulation of gene expression. They are related to cancer growth, differentiation and apoptosis. Histone deacetylase inhibitors are used for the targeted therapy of tumors, inhibiting cell growth and promoting cell differentiation and apoptosis. The inhibition of histone deacetylase (HDAC) has become an important approach to reverse the abnormal epigenetic changes associated with various cancers and non-cancer diseases.

We invite researchers, scholars and experts from around the world to contribute their valuable insights to this Special Issue. By presenting your work on the role and the involvement of HDAC in diseases, you have the opportunity to contribute to advancing our understanding of histone deacetylases.

We look forward to your contributions.



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# Special Issue



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## Message from the Editorial Board

*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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