Special Issue

The Role of Mediator Kinase in Cancer

Message from the Guest Editor

CDK8 and its paralog, CDK19, collectively termed 'Mediator Kinase', are cyclin-dependent kinases that have been implicated as key rheostats in cellular homeostasis and developmental programming. Mediator facilitates gene expression by bridging promoters with transcription factors bound to cell lineage and cancer- specific enhancers. As such, there is immense interest in developing therapeutic agents that can disrupt Mediator function in a context dependent manner. Recentstudies have shown that pharmacological targeting of CDK8/19 is an attractive strategy for different cancers. Nevertheless, major questions remain regarding the safety of Mediator kinase targeted therapies. This special issue will address both therapeutic opportunities and challenges of drugging the Mediator kinases. Keywords

- Chromatin
- Transcription
- Cancer genetics
- Oncogene
- Signalling
- Mediator
- Drug development

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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