

Special Issue

Ovary and Brain

Message from the Guest Editors

Dear colleagues, For the longest time, cancer and neurodegenerative diseases have been considered to be at opposite ends of the spectrum of human diseases –cancer is characterized by highly dividing cells that resist death while neurodegenerative diseases are associated with the death of post-mitotic cells. However, emerging genetic and cell biology studies show multiple common pathways in cancer and neurodegeneration. This includes pathways and proteins involved in the regulation of both microtubule and mitochondrial dynamics. Furthermore, *mitochondrial* dysfunction is a key pathological process in several *neurodegenerative* diseases, as well as in cancers. Given the common pathways regulating brain and human cancers (including ovarian cancer), our understanding of the mechanisms that regulate them is of significant importance for both cancer and neurodegeneration.

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About the Journal

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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