

Special Issue

Networks and Hubs Re-defining the Role of the Connectome in the Nervous System

Message from the Guest Editors

This Special Issue offers the opportunity for an open and peer-reviewed debate about modern theories and experiments identifying the shape of the nervous system connectome. The fine structure and defined connections of neuronal networks hardly prove to be necessary and sufficient in explaining the emergent properties of the system. From bench to bedside, evidence has been accumulated for the definition of novel theories that look at epigenetic, transcriptional, and protein-based mechanisms that could change the neural network paradigms. Here, we accept novel ideas and research regarding the nervous system connectome through pathological and physiological models. Different approaches will be accepted as long as the novelty of the proposed theory and experimental settings is well elucidated.

Guest Editors

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).