

Special Issue

Ovarian Tumors—Molecular Mechanisms, Cellular Dynamics, and Therapeutic Advances

Message from the Guest Editors

This special edition explores the rapidly evolving landscape of ovarian tumor biology, integrating molecular insights with translational and clinical advances. Contributions will highlight the intricate signaling networks, genetic and epigenetic alterations, and tumor–microenvironment interactions that drive disease initiation, progression, and therapeutic resistance. Emphasis is placed on the integration of cutting-edge technologies—including single-cell sequencing, spatial transcriptomics, and functional genomics—to elucidate cellular heterogeneity and uncover novel molecular targets.

In parallel, the issue will feature emerging approaches in precision oncology, immunotherapy, and targeted drug development, showcasing how mechanistic understanding translates into clinical innovation. Discussions on biomarkers for early detection, mechanisms of chemoresistance, and the potential of combination therapies will provide a comprehensive view of current challenges and future opportunities.

Guest Editors

Dr. David Schweer

Comprehensive Cancer Center, University of Arizona, Tucson, AZ, USA

Dr. Joel Cardenas

Cleveland Clinic Florida, Fort Lauderdale, FL, USA

Dr. Delia Mezzanzanica

Unit of Integrated Biology of Rare Tumors, Department of Experimental Oncology, Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy

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Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

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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.

Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities, 6-145 Jackson Hall, 321 Church St SE,
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen,
Copenhagen, Denmark

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JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).