

## Special Issue

# Molecular Mechanisms of Cancer Cell Invasion and Metastasis

### Message from the Guest Editors

Cancer cell invasion and metastasis remain the leading causes of cancer-related mortality worldwide and are driven by complex interactions among genetic, metabolic, and microenvironmental factors.

Understanding these mechanisms is essential for identifying new therapeutic vulnerabilities and improving clinical outcomes. This Special Issue aims to highlight advances that uncover how cancer cells invade, disseminate, survive in circulation, and colonize distant organs. We particularly welcome studies dissecting tumor cell plasticity, epithelial–mesenchymal transition (EMT), cytoskeletal remodeling, extracellular matrix (ECM) degradation, immune evasion, metabolic rewiring, and tumor–stromal interactions. Research that links molecular pathways to functional phenotypes or identifies actionable targets, predictive biomarkers, and therapeutic opportunities is strongly encouraged. Innovative model systems, including patient-derived xenografts, 3D cultures, and genome-wide functional screens, are also of interest. This topic aligns closely with the journal's mission to advance fundamental and translational cancer research. Original research articles and reviews are welcome.

### Guest Editors

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### Deadline for manuscript submissions

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## Biology

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## About the Journal

### Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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### Editors-in-Chief

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