

Special Issue

Epithelial-Mesenchymal Transition (EMT)

Message from the Guest Editors

The Epithelial-Mesenchymal transition (EMT), a biological process that allows an epithelial cell to assume a mesenchymal phenotype, including enhanced migratory capacity, invasiveness, elevated resistance to apoptosis, stem-like features, and increased production of ECM components, occur during specific steps of embryogenesis and organ development leading to final differentiation. Due to its plasticity and reversibility, terminally differentiated epithelium can transdifferentiate and change its phenotype through EMT. This process can be activated in pathological situation, such as tissue injury and repair or neoplastic transformation and be initiated by different molecular processes. Deep knowledge of these aspects will help to design potential therapeutic approaches that could exploit the plasticity of this process to reverse the metastatic phenotype of many cancers. Papers related to any aspect of EMT will be considered for this Special issue.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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