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Epithelial-Mesenchymal Transition (EMT)

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Deadline for manuscript submissions:
closed (31 March 2019)

Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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