



Special Issue Reprint

Epithelial-Mesenchymal Plasticity in Cancer Metastasis

www.mdpi.com/books/reprint/2677

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ISBN 978-3-03936-724-5 (Hardback) ISBN 978-3-03936-725-2 (PDF)

Recent studies have highlighted that epithelial-mesenchymal transition (EMT) is not only about cell migration and invasion, but it can also govern many other important elements such as immunosuppression, metabolic reprogramming, senescence-associated secretory phenotype (SASP), stem cell properties, therapy resistance, and tumor microenvironment interactions. With the on-going debate about the requirement of EMT for cancer metastasis, an emerging focus on intermediate states of EMT and its reverse process mesenchymal-epithelial transition (MET) offer new ideas for metastatic requirements and the dynamics of EMT/MET during the entire metastatic cascade. Therefore, we would like to initiate discussions on viewing EMT and its downstream signaling networks as a fulcrum of cellular plasticity, and a facilitator of the adaptive responses of cancer cells to distant organ microenvironments and various therapeutic assaults. We hereby invite scientists who have prominently contributed to this field, and whose valuable insights have led to the adaptive response of cancer cells, with huge implications in metastasis, drug resistance, tumor relapse, and patient survival.



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