

Therapeutic strategies for advanced carcinoma

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We previously proposed that epithelial-mesenchymal transition (EMT), a developmental mechanism, becomes highly jacked by carcinoma cells for invasion and metastasis, and we have established an EMT scoring system applicable to all carcinomas. In this presentation, I will discuss mechanisms of positioning carcinoma cells along the EMT spectrum. I will then describe our strategy to harness the EMT concept as complementary to currently available targeted therapeutics. I shall present the potential to treat mesenchymal-like tumors in several carcinoma histotypes. I will also show we can improve immunotherapy-based treatment by interfering with the EMT phenotype.