

## **Metabolic Rewiring Driving Metastasis Formation**

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Metastasis formation is the leading cause of death in cancer patients. We find that metabolic rewiring is a liability of metastasizing cancer cells. For example, we discovered that extracellular remodeling of the metastatic niche, a process essential to metastasis formation, requires a transcriptional-independent regulation via the metabolites. Moreover, we provide knowledge on intratumor heterogeneity of metabolism and its role in pre-metastatic niche and metastasis formation. Thus, we study the metabolism of metastasizing cancer cells with the goal to define novel therapeutic strategies.