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FIGURE 1: THE COMPLEXITY OF THE TUMOUR MICROENVIRONMENT: PRIMARY BREAST TUMOURS CONSIST NOT ONLY OF HETEROGENOUS NEOPLASTIC CELLS, BUT ALSO SURROUNDING STROMA (OR TUMOR MICROENVIRONMENT) INCLUDING IM-MUNE CELLS, EXTRACELLULAR MATRIX COMPONENT, CANCER ASSOCIATED FIBROBLAST, BLOOD VESSELS AND CANCER ASSO-CIATED ADIPOCYTES INTERACTING TO SUPPORT TUMOUR DEVELOPMENT.



Primary tumour and its co-evolution with tumor microenvironment

Figure 2: The metastatic pathway – from primary tumour to secondary site. Cancer cells escape from the primary tumors and enter the circulation either as single circulating tumor cells (CTC) or CTC clus-ters. Survival in the bloodstream is facilitated by interactions with platelets and extravasation at second-ary sites may be supported by neutrophils and macrophages, resulting in successful colonization of a secondary site.

Secondary tumour at the metastatic site

