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Tumor reactive stroma in cholangiocarcinoma: the fuel behind cancer aggressiveness

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Abstract

Cholangiocarcinoma (CCA) is a highly aggressive epithelial malignancy still carrying a dismal prognosis, owing to early lymph node metastatic dissemination and striking resistance to conventional chemotherapy. Although mechanisms underpinning CCA progression are still a conundrum, it is now increasingly recognized that the desmoplastic microenvironment developing in conjunction with biliary carcinogenesis, recently renamed tumor reactive stroma (TRS), behaves as a paramount tumor-promoting driver.

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The role of **tumor stroma** in **cancer** progression and prognosis: emphasis on **carcinoma**-associated fibroblasts and non-small cell lung ... CAFs constitute a major portion of the **reactive tumor stroma** and play a crucial role in **tumor** progression.

缺少字词: cholangiocarcinoma fuel aggressiveness

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This type of cancer is difficult to diagnose, extremely aggressive, and has very poor prognosis. It is also

The stroma of cholangiocarcinoma tumors is made up of mostly cancer-associated. Reactive