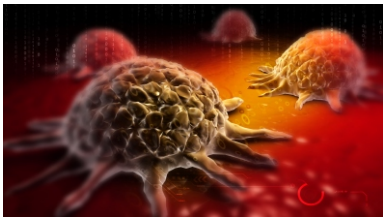

Production of high molecular weight heparin for use in the treatment of metastatic cancer

IDEA > LABORATORY > PROTOTYPE > SCALE-UP > MARKET

> Description The invention consists of a process to produce high molecular weight heparin, which has a promising potential for use in the complementary or primary treatment of choice for early or advanced stage cancer patients.

> Problem The pharmaceutical market today lacks complementary drugs for use during the treatment of cancer, especially in advanced stages. This situation is of even greater concern, given that 600,000 new cancer cases are expected in 2016 in Brazil.

> Benefits The proposed invention consists of a method to produce high molecular weight heparin, which can be used to treat, control and prevent the progression of cancer to metastatic cancer. This compound, which is obtained by molecular weight filtration, inhibits the adhesion and proliferation of neoplastic cells.

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