“Novel modes of Stress induced Immune Dysfunction In Tumors”

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Current study is instrumental in revealing new ways of Epinephrine induced immune-dysfunction in tumors: it will discuss about how epinephrine induces COX-2 in an inflammation dependent manner, activates p38 MAPK pathways, converts macrophages into myeloid suppressor cells to suppress CD8 T cells implicated in tumor clearance, all culminating in immune suppression. In addition to that, the study reveals a surprise observation implicating very novel way of tumors exploiting stress hormone for its own survival.

Hosted by: Drs. Joel Weissfeld & Jian-Min Yuan

REFRESHMENTS PROVIDED

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