“Roles of Beta-catenin in Liver Cancer”

A presentation by Ju-Seog Lee, Ph.D.

Summary: CTNNB1 (β-catenin) is a commonly activated oncogene in hepatocellular carcinoma (HCC), however, its roles in HCC are not well understood.

We investigated roles of β-catenin in cancer metabolism and sensitivity to doxorubicin in HCC. Constitutively activated β-catenin by mutations in hepatocellular carcinoma reprogram cellular metabolism that leads to favorable prognosis and increased sensitivity to doxorubicin.

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