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Mutant Splicing Factors as Oncogenes: in search of a mechanism

Needs: Splicing factor mutations are prevalent in multiple cancer types. Despite intensive investigation, mechanisms by which these mutations lead to cancer remain unclear.

Objectives: Understand current state of understanding and gaps in knowledge regarding mechanisms of oncogenesis and define commonly mutated splicing factors in cancer.

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Understanding Primary Cilia: From Basic Biology to Cancer

Needs: Scientists and clinicians may be unfamiliar with the roles of cilia in tumorigenesis and with key unanswered questions in the field.

Objectives: Understand the key role of cilia in Hedgehog-signaling-driven tumors and that loss of primary cilia may be a common protumorigenic event.