YaleNewHaven**Health** Smilow Cancer Hospital



# Grand Rounds

March 3, 2020 | 12:00 p.m. | Smilow Auditorium, 55 Park Street

## Manoj Pillai, MD

Associate Professor of Medicine (Hematology), Yale School of Medicine

### 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.

## **David Breslow, PhD**

Assistant Professor (Molecular, Cellular and Developmental Biology), Yale School of Medicine

#### 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.

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