

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.