There is no corporate or grant support for this activity. This course will fulfill the licensure requirement set forth by the State of Connecticut.

ACCREDITATION
The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

TARGET AUDIENCE
Attending physicians, researchers, house staff, fellows, residents, medical students, nurses.

NEEDS ASSESSMENT
The talk will focus on genetic alterations in salivary gland carcinomas, and how these mutations contribute to disease pathogenesis, overall outcome, and therapeutic response. The presenter will show how these genetic alterations, usually translocations, have emerged as a paradigm for tumor diagnosis. Moreover, salivary gland carcinomas with targetable genomic alterations, such as NTRK-fusion positive cancers, will be discussed.

LEARNING OBJECTIVES
At the conclusion of this activity, participants will be able to:
- Recognize defining molecular alterations, usually translocations, in monophasic low-grade salivary gland carcinomas.
- Describe correlation of traditional morphologic and immunophenotypic characteristics of selected salivary gland tumors with their molecular signatures.
- Understand the significance of ancillary testing (immunohistochemistry and genomic profiling) of salivary gland carcinomas for refining diagnosis, and prediction of prognosis and therapy.

DESIGNATION STATEMENT
The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

FACULTY DISCLOSURES
Speaker Name: Alena Skalova, MD, PhD - NONE
Course Directors: Manju Prasad, MD - NONE
Kurt Schalper, MD, PhD - NONE
Gopal Pallavi, MD, PhD - NONE

It is the policy of Yale School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in these programs are required to disclose any relevant financial relationships they (or spouse or partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; and the opportunity to affect the content of CME about the products or services of the commercial interests. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs.

Needs Assessment and Learning Objectives for Digital Slide Seminar

NEEDS ASSESSMENT
The slide seminar will deal with diagnostic pathology of salivary glands. A total number of eight cases of benign and malignant tumors of salivary glands will be discussed. Value and limitations of immunohistochemistry and molecular-genetic tools will be demonstrated and critically discussed. A comprehensive review and update of histopathology with discussion of clinical significance of benign and malignant tumors of the salivary glands will be provided.

LEARNING OBJECTIVES
At the conclusion of this activity, participants will be able to:
- Pay particular attention to histomorphologic diagnostic criteria of a variety of salivary gland tumors...
- Recognize a value of immunohistochemistry and genomic profiling of salivary gland tumors for correct diagnosis.
- Appreciate a significance of molecular testing for prediction of prognosis and therapy of selected salivary gland tumors.