

YALE SCHOOL OF MEDICINE
PATHOLOGY
GRAND ROUNDS AND
DIAGNOSTIC SLIDE SEMINAR

Host: Kurt Schalper, MD, PhD



Rong Fan, PhD
Professor of Biomedical Engineering
School of Engineering and Applied Science
Yale University

GRAND ROUNDS: 12:30 PM

“NGS-based Spatial Omics Profiling of Tissues”

Thursday, January 14, 2021

Zoom Meetings ID and Password: emailed separately

For information contact : susana.cruz@yale.edu

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

Spatially resolved genome-wide biomolecular profiling at cellular level.

NGS-based unbiased detection of spatial gene expression pattern.

Linking omics to tissue histopathology for therapeutic target discovery.

LEARNING OBJECTIVES

At the conclusion of this activity, participants will be able to:

- Learn state-of-art technologies for spatial omics mapping.
- Understand NGS-based approach vs Image-based approach.
- Learn the application of spatial omics sequencing technologies in developmental biology and cancer research.

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: Rong Fan, PhD - IsoPlexis Co.; Singleron Biotechnologies, AtlasXomics Inc.; Bio-Techne.

Course Directors: Manju Prasad, MD - NONE

Kurt Schalper, MD, PhD - NONE

Gopal Pallavi, MD, PhD - NONE

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