



# Digestive Diseases Research Seminar

*Presented by*

Yale School of Medicine's Department of Internal Medicine,  
Section of Digestive Diseases

## “DNA Tracing and RNA Profiling in Single Cells with Multiplexed Sequential FISH”

**Siyuan (Steven) Wang, PhD**

**Assistant Professor (Tenure Track)**

**Department of Genetics, Yale School of Medicine**

**Tuesday, January 9, 2018**

**TAC S-247**

**300 Cedar Street**

**5:00 - 6:00 pm**

**Host: Fred Gorelick, MD, PhD**

**There is no corporate support for this activity. 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:** YSM faculty, fellows, and staff, and local GI physicians. **Designation Statement:** The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim the credit commensurate with the extent of their participation in the activity. **Needs assessment:** The purpose of this talk is to introduce two new imaging-based technologies that enabled single-cell chromatin tracing and RNA profiling in situ. The application of these technologies to digestive disease systems may lead to novel understandings of the disease mechanisms and may lead to new diagnostic and treatment strategies. **Learning Objectives:** To learn the imaging-based chromatin tracing technique. To learn the imaging-based RNA profiling technique. To learn the potential applications of the above. **Faculty Disclosures:** S Wang – none, F. Gorelick - 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 relationship(s) 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. **This course will fulfill the licensure requirement set forth by the State of Connecticut.**