Genomics, Genetics & Epigenetics

Monday, October 29, 2018
1:00 PM
SHM I-304

"Shared Methylation Landscapes in Aging and Cancer"

Morgan E. Levine, Ph.D.
Assistant Professor of Pathology

A light lunch will be provided.
New GGE Member

Nita Ahuja, MD, MBA
William H. Carmalt Professor of Surgery
Chair, Department of Surgery

• surgical specialization is in gastrointestinal cancers, including gastric, rectal, and pancreatic cancers.
• developed an international reputation for management of peritoneal cancer metastases with cytoreduction and heated intraperitoneal chemotherapy, which attracts patients from around the world.
• widely recognized as a leader in translational epigenetics, conducting investigator-initiated clinical trials in colorectal cancer, pancreatic cancer, and other solid tumors.
• developed biomarkers for early detection of colorectal and pancreatic cancers.
Congratulations!

**Karla Neugebauer, PhD, appointed new Director of the Yale Center for RNA Science and Medicine**

Announced on September 5
GGE: 24 Publications since July 2018

**High Impact Publications**

**Effect Sizes of Somatic Mutations in Cancer**
Vincent L Cannataro, Stephen G Gaffney, Jeffrey P Townsend (GGE)
JNCI (October 26, 2018) *Hot off the press!*

Mutations in multiple components of the nuclear pore complex cause nephrotic syndrome.
Braun DA.... Mane S (GGE).... Hildebrandt F

Long-read sequencing of nascent RNA reveals coupling among RNA processing events.
Herzel L, Straube K, Neugebauer KM (GGE)
Genome Res 28: 1008-1019 (07/2018)
Funding Opportunities – Comprehensive List check here:
http://yalecancercenter.org/research/foa.aspx

Upcoming Deadlines:

NCI Outstanding Investigator Award
This FOA invites grant applications for the Outstanding Investigator Award (R35) in any area of cancer research.
**Application Deadline:** November 2, 2018

Advancing Translational and Clinical Probiotic/Prebiotic and Human Microbiome Research (R01)
This FOA calls for interdisciplinary collaborations across scientific disciplines engaged in microbiome and pro/prebiotic research.
**Application Deadline:** November 5, 2018

Diet and Physical Activity Assessment Methodology (R01 Clinical Trial Not Allowed)
This FOA encourages innovative research to enhance the quality of measurements of dietary intake and physical activity.
Application Deadline: November 5, 2018

The Role of Epitranscriptomics in Development and Disease
The purpose of this FOA is to encourage applications from the scientific community to support outstanding research in the area of epitranscriptomics, i.e., the chemical modifications of RNA.
**Application Deadline:** November 7, 2018
Upcoming Events - [https://medicine.yale.edu/cancer/patient/calendar/](https://medicine.yale.edu/cancer/patient/calendar/)

- **YCC Member Lunch – November 29th**
  - Lunch with YCC Leadership and meet our newest members
  - Thursday, November 29th, noon-1pm
  - SHML 221A Beaumont Room

- **YCC Annual Retreat – May 16th – West Campus Conference Center – Agenda TBD**

- **YCC Grand Rounds – Most Tuesdays – 12-1pm – 55 Park Street Auditorium – [Now viewable on Skype!](#) – Find out how on the calendar posting at the link above.**
  - Next week – Richard Flavell and Bernadette Marquez-Nostra: “Humanized Mice for the Study of Human Cancer” and “PET Imaging of Breast Cancer Using 89Zr-labeled Antibodies"
Did I miss your good news??

Email:
christine.holmberg@yale.edu