Monthly Updates – Check below if you want to follow-up on any of the leads: Link TBD

Signal Transduction
RESEARCH PROGRAM

Wednesday, March 14, 2018
12:00 PM
SHM I-116

“Elucidating KRAS-Specific Vulnerabilities in Pancreatic Cancer”

Mandar Muzumdar
Assistant Professor

Lunch will be provided.
Biostatistics Shared Resource – Office Hours!

Yale Cancer Center offers biostatistics and bioinformatics support to all members/projects through the Biostatistics Shared Resource (BSR), which is led by Dr. Shuangge (Steven) Ma. Dr. Ma has over ten years of experience conducting cancer biostatistical research, including serving as co-director of the Biostatistics and Bioinformatics Core of the Yale SPORE in Skin Cancer, and is also the senior genetic statistician for the VA CT Healthcare System. YCC members are eligible to receive up to 16 hours per year of service at no cost. As funding agencies and journals continue to place increasing emphasis on proper analytics, it is critical to involve statisticians early on and in all stages of your study. Whenever you have a new project or idea, Dr. Ma urges you to contact him (shuangge.ma@yale.edu) and he will introduce you to the appropriate faculty or staff at the BSR so that you can take advantage of their expertise and your YCC member benefit.

The BSR is happy to re-announce its drop-in consultation service. Dr. Wei Wei, an experienced statistician with special expertise in clinical trial design and analysis and general analytics, provides on-site biostatistics support. Drs. Yong Kong and Ying Zhu, both with extensive experience in the analysis of genetic, genomic, proteomic, and epigenetic data, provide bioinformatics support.

Biostatistics Shared Resource (BSR) Drop-In Office Hours - WWW213

Biostatistics
Dr. Wei Wei
Thursdays - 9am-1pm
Fridays - 9am-5pm

Bioinformatics
Drs. Yong Kong and Ying Zhu
Fridays - 1pm-5pm
Member Notables

Stand Up To Cancer recently announced a new Convergence Research Program, which will use artificial intelligence to investigate immunotherapies. As part of their new program, two Yale Cancer Center researchers were awarded grants. Rong Fan, PhD, a member of our Signal Transduction Research Program, will lead the project, "Single-Cell Functional Multi-Omics to Characterize and Monitor CAR T Therapy." Alessandro Santin, MD, a member of our Developmental Therapeutics Research Program, will lead, "Responders and Non-responders to Endometrial Cancers with Mismatch Repair."

Learn More >>

Daniel Petrylak regarding PD-L1 biomarkers in the treatment of bladder cancer featured on OBR Oncology Video https://youtu.be/lyGwx7uHce0
Member Notables

Yale Urology @Yale_Urology · Feb 23
Dr. Dan Petrylak is talking #prostatecancer and #bladdercancer with Dr. Steve Gore for an upcoming show on Yale Cancer Answers.

Daniel Petrylak @DanielPetrylak · Feb 9
Joe Kim presents our phase I data on atezolizumab in castrate resistant Prostate Cancer
Funding Opportunities – Comprehensive List check here: http://yalecancercenter.org/research/foa.aspx

SPORE in Lung Cancer Program Awards: Career Development Program
The Career Development Program will provide support of up to $50,000 to promising junior investigators and/or establish investigators who have not previously conducted lung cancer focused research.
Application Timeline: Letters of intent (LOI) are due no later than 5:00 PM, April 27, 2018 Learn More >>

SPORE in Lung Cancer Program Awards: Developmental Research Program To provide seed money to investigators to support studies with a strong translational component that have the potential to evolve into, or be incorporated into, a full Yale SPORE in Lung Cancer project.
Application Timeline: Letters of intent are due no later than 5:00 PM, April 27, 2018 Learn More >>

Administrative Supplements for P30 Cancer Centers Support Grants (CCSG) to Stimulate Research in Non-AIDS Defining Cancers (NADCs) in Aging Populations
Deadline for submission is 11:59 p.m. on March 29th.
Guidelines and application instructions can be accessed electronically at https://yalecancercenter.submittable.com/submit
Award Amount: $200,000 total costs per year for two years
For questions regarding application process, please contact christine.holmberg@yale.edu
For scientific questions, please contact walther.mothes@yale.edu
2018 YCC Internal Pilot Grants

These grants will support innovative basic, clinical, population, computational, prevention/control, and translational cancer research. The primary review criteria will be scientific excellence, innovation, cancer relevance, and the likelihood of the project evolving into federally funded cancer research. Members of Yale Cancer Center or faculty who have applied for membership are eligible to apply. The anticipated start date is May 1, 2018.

Projects headed by a member of Yale Cancer Center will be awarded up to $50,000. YCC Program Leaders may not apply for pilot funding. We welcome all potential areas of cancer research, recognizing the following funding priorities:

- Microbiome, including its role in carcinogenesis and modulation of cancer therapy
- Single cell analysis to understand tumor heterogeneity, microenvironment, tumor immune response
- Undruggable targets, including immunotherapeutic, novel delivery approaches, or synthetic lethal approaches
- DNA repair and therapeutics
- Metabolic dysregulation in cancer

In addition, applications that incorporate studies of underserved populations or novel data science and computational approaches will receive greater funding priority.

**Submission deadline is 11:59pm on April 2nd, 2018.**

Grant guidelines and electronic application instructions can be obtained on Submittable (https://yalecancercenter.submittable.com/submit)

For scientific questions, please contact joann.sweasy@yale.edu. All other inquiries should be sent to christine.holmberg@yale.edu.
Upcoming Events - [https://medicine.yale.edu/cancer/patient/calendar/](https://medicine.yale.edu/cancer/patient/calendar/)

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

- **YCC Grand Rounds** – Most Tuesdays – 12-1pm – 55 Park Street Auditorium – Speaker TBD – *Now viewable on Skype!* – Find out how on the calendar posting at the link above

- **Next ST Seminar is April 11th** - Speaker TBD

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- Developmental Therapeutics (DT) Research Program Seminar – March 16th – 1-2pm, SHM I-304 - Peter Karuso: “Repurposing an Antimalarial as an Anticancer Drug”

- Yale Dept of Urology Hosts: Men’s Health Symposium: “Men’s Health Across the Lifespan” with David Shin and Alexander Pastuszak – March 17 – 7-1pm – 2 Bridge St, Old Saybrook

- Radiobiology & Radiotherapy (RR) Research Program Seminar – March 19 – 11-12pm, SHM I-304 – Timothy Nottoli: “Creating Mouse Models with the Yale Genome Editing Center” and “A DNA Repair Variant and Lupus”

February Publications

Clinical Trials

Atezolizumab (MPDL3280A) Monotherapy for Patients With Metastatic Urothelial Cancer: Long-term Outcomes From a Phase 1 Study.
JAMA Oncol E publication ahead of print: (02/2018)
PM ID: 29423515

Single-arm, neoadjuvant, phase II trial of pertuzumab and trastuzumab administered concomitantly with weekly paclitaxel followed by 5-fluoruracil, epirubicin, and cyclophosphamide (FEC) for stage I-III HER2-positive breast cancer.
Foldi J, Mougalian S (CPC), Silber A, Lannin D, Killelea B, Chagpar A (CPC), Horowitz N, Frederick C, Rispoli L, Burrello T, Abu-Khalaf M, Sabbath K, Sanft T (CPC), Brandt DS, Hofstatter EW (GGE), Hatzis C (GGE), DiGiovanna MP (ST), Pusztai L (GGE)
Breast Cancer Res Treat E publication ahead of print: (02/2018)
PM ID: 29396664
Basic Science

Analysis of Cellular Tyrosine Phosphorylation via Chemical Rescue of Conditionally Active Abl Kinase.
Wang Z, Kim MS, Martinez-Ferrando I, Koleske AJ (ST), Pandey A, Cole PA
Biochemistry 57: 1390-1398 (02/2018)
PM ID: 29341593

DKK2 imparts tumor immunity evasion through β-catenin-independent suppression of cytotoxic immune-cell activation.
Nat Med : (02/2018)
PM ID: 29431745

Glycogen synthase kinase-3β regulation: another kinase gets in on the AKT.
Turk BE (ST)
FEBS Lett 592: 535-536 (02/2018)
PM ID: 29417553
February Publications

Basic Science


Did I miss your good news??

Email: christina.dreyfus@yale.edu
by March 30th for April’s seminar