February 17, 2017

**Announcements**

**Care Centers Celebrate 5 Years**
It was an honor to celebrate the 5-year anniversary of our first Care Centers earlier this month with the faculty and staff of all 10 Care Centers at the New Haven Country Club. The full integration of our Care Centers is evident throughout the organization and it is a true testament to the dedication of every one of the physicians, nurses, and staff members at each of our locations. The availability of Smilow Cancer Care in 6 of the 8 counties of Connecticut in just 5 short years is a remarkable accomplishment to celebrate!

New Photos >>

**New Closer to Free Campaign Launches**
Last week, Smilow Cancer Hospital launched a new series of three commercials supporting our Closer to Free campaign and featuring three of our patients and riders in the annual Ride. The campaign is slated to run for 18 weeks, including broadcast...
television, cable television, movie cinemas, radio, and online digital video. In addition, the radio campaign supports our Care Centers and community access to Smilow Cancer Care.

Please take a moment to visit the Closer to Free site and watch and share Gary, Erin, and Ryan's stories.

LATEST ARTICLES:

Study points to potential new brain cancer treatment

Immunotherapy May Need To Have Its Own Value Model

Yale study: 1 in 4 teen e-cigarette users have tried 'dripping'

Join Smilow Cancer Hospital on Facebook
I hope you will join me at Yale Cancer Center Grand Rounds at noon on Tuesday, February 21 in the Smilow Auditorium for a Town Hall presentation. I will share with you my vision for the future for Yale Cancer Center and Smilow Cancer Hospital and our Care Centers, highlighting our strengths and the opportunities across our clinical, research, and educational missions going forward. A livestream option will also be available for those of you off campus through Skype, or by call-in to (203) 688-2072.

AbbVie-Yale Symposium in Immunobiology
On behalf of Richard Flavell, Akiko Iwasaki, and Jordan Pober, the Yale Joint Steering Committee that oversees the AbbVie-Yale Collaboration, you are cordially invited to attend the 3rd Annual AbbVie-Yale Symposium in Immunobiology on March 31 at 9:00 am at the Yale West Campus Conference Center. The theme of this year's symposium is Immuno-oncology.

Attendance is free; please register online in advance of the event. Registration will close at 5pm on March 10. If you have any questions or issues with registration, please contact Tiffany Lin.

Notables

Jeff Geschwind, MD. Chair of the Department of Radiology and Biomedical Imaging, has been appointed the inaugural President of the Society of Interventional Oncology. The society is the only membership-based group dedicated to interventional oncology, and will plan the annual World Conference on Interventional Oncology, which is scheduled to be held in Boston in June.

Join us on February 24th at 6:30 pm for “Get In Touch With Breast Cancer,” an event designed for mothers and daughters to learn more about breast health and awareness. Presented by the Smilow Cancer Genetics and Prevention Program and The Get In Touch Foundation, the event will feature guest speaker Betsy Nilan, president of the foundation and an advocate of breast cancer awareness. Make time to join us for this important event - RSVP at (203) 200-4362 by February 17th!

Please join the family and friends of Dr. Lawrence Solomon for a memorial service on Saturday, February 18 at 11:00am at the Unitarian Society of New Haven, 700 Hartford Turnpike, Hamden, CT. Dr. Solomon was a deeply respected and loved physician by colleagues and patients alike. Dr.
Solomon, in collaboration with Leslie Blatt, APRN, founded the Yale New Haven Hospital Palliative Care Program, providing supportive care to patients and their families facing serious illness. His leadership and pioneering work in Palliative Care at Yale resulted in the foundation of a palliative care program that continues to thrive and expand to serve our most vulnerable patients.

Research in the News

Genome analysis helps keep deadly brain cancer at bay for five years

An analysis of a patient’s deadly brain tumor helped doctors at Smilow Cancer Hospital identify new emerging mutations and keep a 55-year old woman alive for more than five years, researchers report in the journal Genome Medicine.

"We were able to identify the molecular profile at each recurrence," said Dr. Murat Günel. "The molecular make-up of the cancer changed after each treatment and with time, but we were able to adjust treatments based on those profiles." Read More >>

Limiting lung cancer’s spread and growth in the brain

More people die of lung cancer each year than breast, colon, and prostate cancers combined. One particularly lethal form of the disease is lung adenocarcinoma or LUAD, which afflicts both smokers and non-smokers. In many patients diagnosed with LUAD, tumors cells have already spread to the brain, leading to decreased quality of life and low survival rates. A Yale Cancer Center research team conducted a study to determine how those tumor cells manage to grow outside the lungs.

The researchers found that aggressive LUAD cells expressed a number of proteins that allow them to persist outside the lungs in small numbers. They observed that the tumor cells that spread to the brain were able to utilize an extracellular molecule, which shields them from their hostile surroundings.

Check out this chocolate mousse recipe from Cook for Your LIFE! It’s perfect to enjoy if your mouth is feeling sore or dry after treatment, or even if you’re just craving something sweet for Valentine’s Day. To make it, just slice and pit the avocado, then throw it into the blender with the other ingredients and bring it all together. Read More >>

Take a few minutes to listen to an interview on Yale Cancer Answers with lung cancer survivor, Rosemary McCauley. Rosemary is an inspiration! #lcsm
Employee Profile: Bob Scott

Bob Scott, courier for Yale Transport, Receiving & Storage (TR&S), knows his way around Yale's Central and Medical campuses better than anyone. He is responsible for the pick-up and delivery of important documents and materials and handles payroll distribution for Yale Dining, Yale Physical Plant, and other small departments. TR&S provides support for campus moves, storage options, passenger transport, and courier services.

Twice a day Bob is responsible for deliveries to and from the W.M. Keck Laboratory. He commented that it is usually plant-based materials that need to be safely transported, and he makes sure they arrive in a timely and efficient manner. He also handles several deliveries a month for Smilow Cancer Hospital and Yale Cancer Center. In a day, Bob can travel anywhere from 20-30 miles around campus. A lot of the deliveries are time sensitive and he has a regimented schedule planned out each day, but is always willing to try and fit in unplanned requests.

"In this job you have to be personable and able to keep your cool when people are upset about a delayed outside delivery or other situation beyond our control," said Bob. "You also have to be aware of your surroundings at all times while driving, as pedestrian traffic can pose challenges. I make sure that those around me are safe, and that I get to where I am going safely as well."

Bob has been with TR&S for three years, and before that, was a cook for Yale University for 30 years. Gerry Apuzzo, Assistant Manager,
Warehouse & Shipping for TR&S, commented, "Bob is one of the hardest workers here. He is always on time and has never called out sick. No matter how much work he has, he never complains and always makes sure his deliveries and pick-ups are done by the end of the day. I have never known him to be in a bad mood and I know that I can always depend on him to get the job done."

Funding and Award Opportunities

All current funding opportunities are archived on the Yale Cancer Center website, and searchable by topic, funding agency, and due date. Please check the site often for new opportunities.

Translational Cancer Research Grant
The V Foundation seeks to support translational research projects within the scope of all types of cancers.

If you would like to be considered for nomination, please submit a one-page summary of your proposed project and a copy of your CV to edward.kaftan@yale.edu by February 21st. If selected for nomination, the full application would be due May 2nd.

2017 ALCF-IASLC Joint Fellowship Award
The Bonnie J Addario Lung Cancer Foundation, in collaboration with the International Association for the Study or Lung Cancer is pleased to announce their second joint Fellowship Award to support novel, innovative and translational research with potential of high clinical impact on the early detection of lung cancer.

Application Deadline: March 1, 2017

Stand Up To Cancer - LUNGevity - American Lung Association Lung Cancer Interception Dream Team
This grant will provide up to $7 million to solve key problems in lung cancer interception research.

Bakery in Milford. Read more about Gary’s journey as well as those of other survivors who have come together to share what it means to be closer to free.

Follow Yale Cancer Center on Twitter

LATEST TWEETS:

Join us: Promise of Personalized Medicine for #LungCancer on March 2 #lcsm

#Genome analysis helps keep deadly #braintumor at bay for 5 yrs for patient at #Smilow Cancer Hospital #btsm@YNHH

Handmade #Valentine's for our patients today. #valentinesday2017

Stream our Yale Cancer Answers #podcast - an interview w/ Dr. Sarah Goldberg on the latest in #lungcancer treatment

Phase I #clinicaltrial of targeting CPI-444 and in combo w/ Atezolizumab for pts with advanced #melanoma@YaleCancer

@mirwin_yale will present "Influence of Weight Management and Physical Activity on Cancer Treatment Side Effects" at #NatiCancerForum

Take a few minutes to listen to an interview w #lungcancer survivor,
Learn More >>

Program in Innovative Therapeutics for Connecticut’s Health (PITCH)
With a grant from the State of Connecticut's Bioscience Innovation Fund, this three-year, $10 million program provides translational research resources to generate prototype therapeutics that address unmet clinical needs.

**Deadline:** March 15, 2017

Please contact Jane Merkel for more information

Application >>

SU2C-Lustgarten Foundation Pancreatic Cancer Interception Dream Team

This grant will provide up to $7 million over a four-year term to advance innovative approaches to intercept the disease-causing process.

**Letter of Intent Due:** March 22, 2017

Learn More >>

Exploratory Grants in Cancer Epidemiology and Genomics Research (R21)
This FOA invites applications for research on cancer epidemiology, genomics, and risk assessment.

**Application Receipt/Submission Date:** March 22, 2017

Learn More >>

Pilot and Feasibility Studies Evaluating the Role of RNA Modifications (the 'epitranscriptome') in Cancer Biology (R21)
This FOA encourages basic research into the role of RNA chemical modifications and their corresponding writers, readers and erasers in the initiation and progression of cancer.

**Application Receipt/Submission Date:** March 22, 2017

Learn More >>

Clinical and Translational Exploratory/Developmental Studies (R21)

Rosemary McCauley. She is an inspiration! #lcsm

@OncLive's 3/22 #ProstateCancer State of the Science Summit will feature educational sessions & dinner Register now

Gary is #cancer free, living his dream of owning a bakery. Our .@CTFRide keeps him linked to the cancer community

Annual benefit of curing 1% more cancers is est at $500B. #Immunotherapy may need its own value model .@ClinOncNews

Closer to Free

The fund to advance cancer research and enhance patient care

**Upcoming Events**

**February 15; 12PM**
YCC Cancer Immunology Research Program
SHM I-304
*Clinical Trials in Immunocellular Therapy of Cancer: Bridging the Translational Gap*
Alexey Bersenev, MD, PhD

Learn More >>

**February 19; 7:30PM**
Yale Cancer Answers
WNPR 90.5
*Global Oncology*
Edward Trimble, MD, MPH

Learn More >>

**February 20; 2PM**
Yale Cancer Biology Institute Research Seminar
Hope 216
This FOA supports the development of new exploratory research in cancer diagnosis, treatment, imaging, symptom/toxicity, and prevention clinical trials.

**Application Receipt/Submission Date:** March 22, 2017

Learn More >>

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**National Compassionate Caregiver of the Year Award**

The National Compassionate Caregiver of the Year (NCCY) Award is a national recognition program that elevates excellence in compassionate healthcare.

**Deadline for Nominations:** March 31, 2017

Learn More >>

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**Recent Publications**

**Extracellular matrix receptor expression in subtypes of lung adenocarcinoma potentiates outgrowth of micrometastases.**


Cancer Res. 2017 Feb 14.

Read More >>

**Objective, domain-specific HER2 measurement in uterine and ovarian serous carcinomas and its clinical significance.**

Carvajal-Hausdorf DE, Schalper KA, Bai Y, Black J, Santin AD, Rimm DL.

Gynecol Oncol. 2017 Feb 11.

Read More >>

**Integrated genomic analyses of de novo pathways underlying atypical meningiomas.**


Nat Commun. 2017 Feb 14;8:14433.

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**Chromatin Dysregulation as Driver of Oncogenesis**

Chao Lu, PhD

Learn More >>

**February 21; 9:30AM**

**Pathology Research in Progress Talk**

TAC N-107

**Identification of Epigenetic Regulators of Resistance to HER2-targeted Antibodies in Breast Cancer**

Molly Gale

**A Mitochondrial ROS Induced Hormetic Response in Mice**

Carly Cox

Learn More >>

**February 21; 12PM**

**YCC Grand Rounds**

Park Street Auditorium

Charlie Fuchs, MD, MPH

Learn More >>

**February 21; 4PM**

**Human and Translational Immunology Seminar**

TAC N-203

**Protein modifications in autoimmunity and cancer**

Mark Mamula, PhD

Learn More >>

**February 22; 12PM**

**Yale Dermatology Seminar**

TAC N-203

**A Melanoma Lymph Node Metastasis with a Donor-Patient Hybrid Genome Following Bone Marrow Transplantation: A Second Case of Leucocyte-Tumor Cell Hybridization in Cancer Metastasis**

John M. Pawelek, PhD

Learn More >>

**February 23; 9AM**

**Therapeutic Radiology Grand Rounds**

Smilow LL505

**What's New in Radiotherapy for Pediatric Sarcomas**

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Lenalidomide use in myelodysplastic syndromes: Insights into the biologic mechanisms and clinical applications.
Stahl M, Zeidan AM.
Read More >>

The Sodium/Iodide Symporter (NIS): Molecular Physiology and Preclinical and Clinical Applications.
Ravera S, Reyna-Neyra A, Ferrandino G, Amzel LM, Carrasco N.
Read More >>

Immune Regulation of Antibody Access to Neuronal Tissues.
Iwasaki A.
Read More >>

Outcome of patients treated for myelodysplastic syndromes without deletion 5q after failure of lenalidomide therapy.
Read More >>

Achieving Clarity About Lung Cancer and Opacities.
Detterbeck FC.
Read More >>

Epstein JI, Amin MB, Reuter VE, Humphrey PA.
Read More >>
Pathway level alterations rather than mutations in single genes predict response to HER2-targeted therapies in the neo-ALTTO trial.


March 2; 5PM
Yale Cancer Center and Smilow Cancer Hospital Lung Cancer Event
Park Street Auditorium
The Promise of Personalized Medicine for Lung Cancer
Learn More >>

March 3; 12PM
YCC Research in Progress Seminar
NP4-101B
TBA
Ranjit Bindra, MD, PhD
Learn More >>

Submissions

Please submit your recent publication and grant announcements to:

Renee Gaudette
Director, Public Affairs and Marketing
renee.gaudette@yale.edu