DirectConnect Inside Yale Cancer Center

April 30, 2021

Announcements

Celebrating our **Oncology Nurses**

Tomorrow, May 1, will launch Oncology Nursing Month, an opportunity for us to pause and show gratitude for the dedication and endless compassion



our nurses provide our patients every day. Following an unprecedented year, the devotion of our oncology nurses shines even brighter. Their constant presence and perseverance enabled all of our teams to continue to provide the highest level of care to our patients, no matter the obstacles or circumstances that confronted us. Please take time to celebrate our nurses during the month of May, and join us for the annual Oncology Awards Nursing Ceremony on Wednesday, May 5 at 8am.

Yale Cancer Biology Training Program T32 Re-Funded

The Yale Cancer Biology Training Program has received funding renewal from the National Cancer Institute through its Institutional Research Training Grant (T32) Program for an additional 5 years. Led by Peter Glazer, MD, PhD, and David Stern, PhD, the training program provides a unique cancer-focused training experience to help develop the next generation of cancer scientific leaders, including funding support for 2 postdoctoral and 6 predoctoral (graduate school) PhD trainees annually with supplemental commitments of 5 predoctoral positions from Yale Cancer Center and Yale School of Medicine. Training covers the genetic and biological underpinnings of cancer, the pathway to development of new therapies based upon this knowledge, and the practical challenges in applying these new therapies in cancer clinics. Since the Program's inception in 2016, 32 graduate PhD trainees, 19 postdocs, and 6 post-baccalaureate trainees have leveraged the cancer-focused education to further their careers in oncology research and care.

from the desk of Nita Ahuja, MD, MBA, FACS Interim Director, Yale Cancer Center Interim Physician-in-Chief, **Smilow Cancer Hospital**

Yale NewHaven Health

Smilow Cancer Hospital



News Center

Speaking Up Against Anti-Asian Racism and **Violence**





Don S. Dizon, MD

Gloria S. Huang, MD

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Yale Cancer Center Study Shows Cognitive Impairment for Survivors of Many Pediatric

Cancers

the National Academy of Sciences

One of the highest honors in the scientific field, Lieping Chen, MD, PhD, **United Technologies** Corporation Professor in Cancer Research, Professor of Immunobiology, Dermatology, and of Medical Oncology, and Co-Director of the Cancer Immunology Program at Yale Cancer Center, was elected to the National Academy of Sciences (NAS) earlier this week. We are proud to celebrate



Dr. Chen's election in recognition of his leadership in the field of PD-L1 biology. He joins 15 other members of Yale Cancer Center as part of this prestigious organization.

Read More

Yale Cancer Center and Smilow Cancer Hospital Events

Please join us on <u>Thursday, May 6 at 5pm</u> for a town hall meeting to provide clinical and research updates to our Smilow Cancer Hospital and Yale Cancer Center community. This event is open, and we encourage all faculty, providers, scientists, and staff to attend via Zoom and share their questions or concerns for discussion. Town Halls will continue on the first Thursday of each month at 5pm.

We will also host a Smilow Cancer Hospital Patient and Family Forum on <u>Thursday</u>, <u>May 13 at 7pm</u> to provide updates to our patients and community and to answer their questions. All are welcome to attend online. Please share and encourage your patients to login.

Upcoming CME Programs

Yale Cancer Center and Smilow Cancer Hospital are sponsoring several upcoming CME programs. Please register to hear your colleagues present, and share these opportunities with community physicians and other contacts.

The Susan Beris, MD, Brain Tumor CME Seminar

May 4 at 6pm: Register

Yale Urology Prostate Cancer Seminar

May 4 at 6pm: Register

Therapeutic Advances for Breast Cancer

May 27 at 12pm: Register



Read More

'We've raised over \$71,000': Westbrook family's effort to support cancer research is back after pause



Watch Now

The 9 Most Essential Vitamins You Need in Your Diet, According to Yale Experts



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Yale Cancer Center Researchers Discover Common Mechanism Causing Autoimmune Disease and Blood Cancers



Yale Breast Cancer Summit

Please register to join us for a Breast Cancer Research Summit on Thursday, May 6 from 8am-1pm via **Zoom**. Topics will include Obesity, Metabolism, and Breast Cancer; Cancer Survivorship and Outcomes Research; DNA Damage and Breast Cancer; and Technology and Resources. The full agenda can be reviewed **online**.

Yale SPORE in Lung Cancer (YSILC) Career Enhancement & **Developmental Research Programs Symposium**

Please join us today from 11:00am - 3:00pm for research in progress presentations from the 2019 and 2020 Career Enhancement and Developmental Research Program award recipients. Hosted by Roy S. Herbst, MD, PhD, YSILC Principal Investigator, Karen Anderson, PhD, Harriet Kluger, MD, Patricia LoRusso, DO, and Edward Kaftan, PhD, we are looking forward to an interactive and productive **symposium**.

Notables

Jill Lacy, MD, Professor of Medicine (Medical Oncology), was named a Fellow of the American Society of Clinical Oncology (FASCO). The FASCO distinction honors members of the American Society of Clinical Oncology (ASCO) for their extraordinary volunteer service, commitment, and dedication to the organization. Dr. Lacy was one of 34 recipients nationwide to earn the FASCO designation this year. **Read More**

Rosangely Cruz, has been named Director for the Ambulatory Practice at Yale Cancer Center in Smilow Cancer Hospital. Rosy joins Yale Cancer Center and Smilow Cancer Hospital from Yale Medicine where she has been Manager of Patient Access for the Yale Medicine Care Center - Urology since 2019. Prior to her role in the Care Center, Rosy served as Clinical Operations Manager in the Department of Urology for 6 years.

Jennifer Kapo, MD, Sherwin B. Nuland and Michael K. Vlock Associate Professor of Palliative Medicine and Chief of Palliative Medicine and the Palliative Care Program, was honored with the 2021 President's Award from the Connecticut Coalition to Improve Endof-Life Care.

Rachel Perry, PhD, Assistant Professor of Medicine (Endocrinology) and of Cellular and Molecular Physiology and a member of Yale Cancer Center's Cancer Signaling Networks Research Program, has been awarded the Merck-MRA Young Investigator Award from the Melanoma Research Alliance to fund her work on "Mitochondrial Uncoupling: A New Therapeutic Approach for Melanoma."

Jun Deng, PhD, Professor of Therapeutic Radiology, Associate Director for Physics Research and Education, and a member of Yale

Cancer Center's Radiobiology and Radiotherapy Research Program, has received a multi-institutional collaborative research grant by the **Department of Energy** to study "Dynamic Multiscale Digital Twin

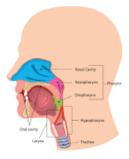


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Yale Cancer Center Researchers Identify New Role for Immune-Boosting Protein "STING" in **Treatment of Head and Neck Cancer**

> Head & Neck Cancer





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Join Smilow Cancer Hospital on **Facebook**



Like us on Facebook

We are proud to recognize Barbara Holahan, a Clinical Referral Specialist at the Smilow Cancer Hospital Care Center in Trumbull as a #SmilowStar. Each day, Barbara provides personalized patientcentered care to all new patients referred to the Breast Center in Trumbull. She is kind and empathetic on the phone. She gives each patient the time to ask questions and makes time to get to know them individually. The Care Center in Trumbull recently implemented Next Day Access and Barbara was instrumental in making this a success. She works hard to get our patients scheduled to see a provider the next day and if that is not possible she confirms availability for them within 5 days. Barbara has a wonderful relationship with staff from many areas of the health system. Her personal touch and

her winning personality make anyone who is in

contact with her feel special and that they have her

for a Lung Cancer Patient." Dr. Deng is Co-Principal Investigator on the grant along with Qi Wang, PhD, at the University of South Carolina.

Pamela Kunz, MD, has been appointed Vice Chief of Diversity, Equity and Inclusion for the Section of Medical Oncology to help guide the **Office of Diversity, Equity and Inclusion** in Internal Medicine.

Two members of Yale Cancer Center are newly elected members of the American Academy of Arts & Sciences. Founded in 1780, the academy "honors excellence and convenes leaders from every field of human endeavor to examine new ideas, address issues of importance to the nation and the world, and work together to cultivate every art and science which may tend to advance the interest, honor, dignity, and happiness of a free, independent, and virtuous people." Congratulations to Ronald R. Breaker, PhD, Sterling Professor of Molecular, Cellular, and Developmental Biology, Professor of Molecular Biophysics and Biochemistry, Howard Hughes Medical Institute (HHMI) investigator, and member of Yale Cancer Center's Developmental Therapeutics Research Program, and Akiko Iwasaki, PhD, Waldemar Von Zedtwitz Professor of Immunobiology and Molecular, Cellular and Developmental Biology, Professor of Epidemiology (Microbial Diseases), HHMI investigator, and a member of Yale Cancer Center's Cancer Immunology Research Program.

Frank Buono, PhD, Associate Research Scientist in Psychiatry, has been awarded the Children's Tumor Foundation Clinical Research Award. The award is accompanied by a grant to fund Dr. Buono's study, "The Development and Validation of the NF Pain Module (NFPM) within iCanCope-NF Clinical Trial." Dr. Buono's study will revolve around Neurofibromatosis Type 1 (NF1), the most common of the three types of neurofibromatosis (NF).

The Cancer Immunology Research Program is proud to welcome William Damsky, MD, PhD, Assistant Professor of Dermatology and Pathology. Dr. Damsky primarily performs laboratory-based basic science research, but also cares for patients with skin disease as a board-certified dermatologist and interprets skin biopsies as a boardcertified dermatopathologist.

Dr. Damsky's specific clinical interests are in



recalcitrant inflammatory disorders, including sarcoidosis, granuloma annulare, and reactions to immune-based cancer therapies. His interests moving forward will remain centered on melanoma immunology and inflammatory skin disorders.

undivided attention. Thank you, Barbara, for your daily commitment to our patients!



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When detected early, testicular cancer can be curable with minimal treatment. Generally found in men ages 15-44, testicular cancer is often first discovered during a self-exam or medical exam. April is Testicular Cancer Awareness Month, and we encourage all men to perform self-exams each and every month. Unusual lumps or bumps or a change in texture on one testicle are instances where further examination is required, and with our colleagues in Yale Urology, we work together for a collaborative and proactive approach to treatment.



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Dr. F. Perry Wilson joined Dr. Anees Chagpar for a discussion on the best tools to navigate online medical research, social media posts, and news articles that may not be entirely factual when researching a cancer diagnosis on Yale Cancer

Answers. Dr. Wilson will help to navigate the best sources, and fact v. fiction in today's interview.



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Employee Profile: Eileen Sullivan

Sometimes situations are just meant to be, and in the case of Eileen Sullivan, an interest in volunteering led her to a new full-time job and a prestigious scholarship.

Eileen Sullivan was working at Anthem Blue Cross/Blue Shield and she decided to start volunteering through work at Elder Horizons, a program offered by Yale New Haven Hospital where



volunteers serve as companions to geriatric patients. Eileen loved this opportunity, and the feelings were mutual for her among patients and staff.

As a volunteer on the former 9 West, a hematology oncology floor, Eileen, who held a CNA license in Connecticut, decided to apply for an open PCA position. She was hired just as Smilow Cancer Hospital opened in April 2010. She officially joined the heme-onc team on NP11 and has been there ever since. Eileen has also been taking classes at Southern Connecticut State University and Gateway Community College, working her way towards becoming an RN. In 2020, Eileen applied for and won the first Annual Frederick DeLuca Foundation Smilow Cares Scholarship for PCAs and ACAs.

"I was thrilled to death to learn I was one of the recipients of the scholarship," says Eileen. "The DeLuca Family is so generous to Yale and to have been part of Mr. DeLuca's care team, it was truly a special honor. I was so overwhelmed when I received the news and cried!"

Looking back over the last ten years, Eileen shares, "It's been an incredible ride. The patients are unbelievable, and I work with an amazing group of coworkers. We are all on the same page, sharing the same compassion for our patients and really exemplifying 'I am Yale.' I couldn't ask for a better place to work."

"Eileen has been a committed team member on our unit for the last 10 years," says Tanaz Mistry, Assistant Patient Services Manager on NP11. "She often raises safety concerns to leadership and has taken an active role in encouraging the use of safe lifting equipment on the unit, ensuring both patient and staff safety. We are so proud of her to



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This year's Oncology Nursing Society Congress will have incredible representation from our oncology nursing team from Smilow Cancer Hospital and Yale Cancer Center thanks to the dedicated efforts of our nurses and many mentors throughout our health system —16 abstracts were accepted for presentation at this year's Congress!

Congratulations to everyone participating!



Read More

A pediatrician for almost 30 years, one morning at work Susan Beris, MD, responded to a question asked of her by a nurse. She had difficulty speaking, responding in gibberish, and thought she was having a stroke. After an exam at a nearby hospital, Dr. Beris was diagnosed with glioblastoma, an aggressive brain cancer, and scans showed a brain tumor dangerously close to her motor field. She was referred to Smilow Cancer Hospital neurosurgeon and chief of neurosurgical oncology, Jennifer Moliterno, MD, and underwent a successful, complete removal of the tumor in August 2018. Dr. Beris retained her strength, motor function, and was released from the hospital two days later.

After her recovery, Dr. Beris turned to philanthropy to show her appreciation for the care and support she received from her fantastic team of physicians.

be awarded the Smilow Cares scholarship, which will allow her to continue balancing school with her work on NP 11."

Eileen loves being a PCA and caring for the patients on her floor, most of whom are very ill, but she wouldn't have it any other way. Says Eileen, "Being a PCA is an incredibly rewarding profession. If you are a people person and have compassion for others, I would highly recommend this field."

Recent Publications

van den Pol, A., Zhang, X., Maher, S.E. and Bothwell, A.L.M. Immune cells enhance Zika virus-mediated neurologic dysfunction in brain of mice with humanized immune system. Developmental Neurobiology, April 3, 2021.

Read More

Jae Hun Shin, Jaekwang Jeong, Jungmin Choi, Jaechul Lim, Ravi K. Dinesh, Jonathan Braverman, Jun Young Hong, Stephen E. Maher, Maria C. Amezcua Vesely, WonJu Kim, Ja-Hyun Koo, Wenwen Tang, Dianqing Wu, Holly N. Blackburn, Rosa M. Xicola, Xavier Llor, Omer Yilmaz, Je-Min Choi, Alfred L.M. Bothwell.

Dickkopf-2 regulates the stem cell marker LGR5 in colorectal cancer via $HNF4\alpha1$.

iScience, Volume 24, Issue 5, 2021,102411, ISSN 2589-0042. **Read More**

Zhang S, Hu X, Luo Z, Jiang Y, Sun Y, Ma S. (2021)

Biomarker-guided Heterogeneity Analysis of Genetic Regulations via Multivariate Sparse Fusion

Statistics in Medicine, Online ahead of print.

Read More

Howard DH, Hockenberry J (2021)

Medicare Fee Reductions and the Overuse of Intensity-modulated Radiotherapy

Health Services Research, Online ahead of print.

Read More

Rajwa P, Mori K, Huebner NA, Martin DT, Sprenkle PC, Weinreb JC, Ploussard G, Pradere B, Shariat SF, Leapman MS (2021)

The Prognostic Association of Prostate MRI PI-RADS v2
Assessment Category and Risk of Biochemical Recurrence after
Definitive Local Therapy for Prostate Cancer: A Systematic
Review and Meta-analysis

The Journal of Urology, Online ahead of print.

Read More

Haddad JM, Robison K, Beffa L, Laprise J, ScaliaWilbur J, Raker CA, Clark MA, Hofstatter E, Dalela D, Brown A, Bradford L, Toland M, Stuckey A (2021)

Family Planning in Carriers Of BRCA1 and BRCA2 Pathogenic Variants

Her desire to put her money to good use led Dr.
Beris to a generous financial commitment to Yale
School of Medicine to benefit both the Department of
Neurosurgery and of Pediatrics, establishing the
Susan Beris, MD, Fund for the Yale Brain Tumor
Surgery Program and the Susan Beris, MD, Fund for
the Pediatric Residency Program.



Read More

The YWBC SLEEP study explores potential stressors and their impact on sleep in young breast cancer survivors after treatment. The goal of the study is to understand sleep experiences and what contributes to sleep in young women with breast cancer. Women who were diagnosed with stage 1 – 3 breast cancer at age of 50 or younger may qualify.



Read More

For men with lower-risk, localized prostate cancer, Preston Sprenkle, MD, and Raj Ayyagari, MD, combine their expertise to offer minimally-invasive treatment options. Focal therapy treats only the cancerous parts of the prostate, leaving remaining

Varianto

Journal of Genetic Counseling, Online ahead of print.

Read More

Liu M, Yang B, Hu M, Radda JSD, Chen Y, Jin S, Cheng Y, Wang S (2021)

Chromatin Tracing and Multiplexed Imaging of Nucleome Architectures (MINA) and RNAs in Single Mammalian Cells and Tissue

Nature Protocols, Online ahead of print.

Read More

Li X, Kumar S, Harmanci A, Li S, Kitchen RR, Zhang Y, Wali VB, Reddy SM, Woodward WA, Reuben JM, Rozowsky J, Hatzis C, Ueno NT, Krishnamurthy S, Pusztai L, Gerstein M (2021)

Whole-genome Sequencing of Phenotypically Distinct
Inflammatory Breast Cancers Reveals Similar Genomic

Alterations to Non-inflammatory Breast Cancers

Read More

Genome Medicine.

Raimundo L, Paterna Â, Calheiros J, Ribeiro J, Cardoso D, Piga I, Neto SJ, Hegan D, Glazer PM, Indraccolo S, Mulhovo S, Costa JL, Ferreira MU, Saraiva L (2021)

BBIT20 Inhibits Homologous DNA Repair with Disruption of the BRCA1-BARD1 Interaction in Breast and Ovarian Cancer British Journal of Pharmacology, Online ahead of print.

Read More

Wang MZ, McNiff JM, McCalmont TH, LeBoit PE (2021)

Desmoplastic Trichoepithelioma With Pseudocarcinomatous

Hyperplasia: A Folliculosebaceous Neoplasm in Young Persons

The American Journal of Dermopathology, Online ahead of print.

Read More

Wang X, Zeidan AM, Wang R, Bewersdorf JP, Zhang C, Podoltsev NA, Huntington SF, Gore SD, Ma X (2021)

Clinical Effectiveness of DNA Methyltransferase Inhibitors and Lenalidomide in Older Patients with Refractory Anemia with Ring Sideroblasts: A Population-based Study in the United States Leukemia & Lymphoma, Online ahead of print.

Read More

Peters GW, Tien CJ, Chiang V, Yu J, Hansen JE, Aneja S (2021)
Impact of Tissue Heterogeneity Correction on Gamma Knife
Stereotactic Radiosurgery of Acoustic Neuromas
Journal of Radiosurgery and SBRT, Online ahead of print.
(no DOI listed; PMCID indicates available 2022-01-01)
Read More

Wang M, Gorelick F, Bhargava A (2021)

Sex Differences in the Exocrine Pancreas and Associated Diseases

Cellular and Molecular Gastroenterology and Hepatology, Online ahead of print.

Pead More

tissue unharmed and preserving nearby nerves and organs along with the patient's quality of life.



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Register now to join .@MehraGolshan
@Maryam_Lustberg, Dr. Michael
DiGiovanna & Dr. Andrea Silber for a #CMEprogram
to share the latest advances
in #breastcancer adjuvant therapy on Thursday,
May 27th at Noon.

Join us at Noon today for a @YaleCancer virtual Grand Rounds. AbbyRosenbergMD @SeattleChildren will present "Promoting Resilience in Children with Serious Illness and Their Families."

We're proud to announce Dr. Lieping Chen has been elected to .@theNASciences , one of the highest honors in the scientific community, in recognition of his pioneering advances and research in #immunotherapy.

Congratulations to Dr. Jill Lacy @lacyjil5 on being elected by @ASCO as a 2021
Fellow of the American Society of Clinical Oncology (#FASCO) in recognition of exceptional contributions to the oncology community.

Join .@fperrywilson on @YaleCancer

Answers today at 7:30pm on @wnpr for a discussion on the best tools to navigate online medical research and social media posts when researching a #cancer diagnosis.



New research led by Dr. Nina Kadan-Lottick

itcaa more

Turan V, Lambertini M, Lee DY, Wang E, Clatot F, Karlan BY, Demeestere I, Bang H, Oktay K (2021)

Association of Germline BRCA Pathogenic Variants with Diminished Ovarian Reserve: A Meta-analysis of Individual Patient-level Data

Journal of Clinical Oncology, Online ahead of print.

Read More

Shallis RM, Siddon AJ, Zeidan AM (2021)

Clinical and Molecular Approach to Adult-Onset, Neoplastic Monocytosis

Current Hematologic Malignancy Reports, Online ahead of print.

Read More

Foster R, Zheng DJ, Netson-Amore KL, Kadan-Lottick NS (2021)

Cognitive Impairment in Survivors of Pediatric Extracranial Solid

Tumors and Lymphomas

Journal of Clinical Oncology, Online ahead of print.

Read More

Han R, Yang H, Lu L, Lin L (2021)

Tiliroside as a CAXII Inhibitor Suppresses Liver Cancer Development and Modulates E2Fs/Caspase-3 Axis Scientific Reports.

Read More

Xiao C, Miller AH, Peng G, Levine ME, Conneely KN, Zhao H, Eldridge RC, Wommack EC, Jeon S, Higgins KA, Shin DM, Saba NF, Smith AK, Burtness B, Park HS, Irwin ML, Ferrucci LM, Ulrich B, Qian DC, Beitler JJ, Bruner DW (2021)

Association of Epigenetic Age Acceleration with Risk Factors, Survival, And Quality of Life in Patients with Head and Neck Cancer

International Journal of Radiation Oncology, Biology, Physics, Online ahead of print.

Read More

Klepin HD, Sun CL, Smith DD, Elias R, Trevino KM, Bryant AL, Li D, Nelson C, Tew WP, Mohile SG, Gajra A, Owusu C, Gross C, Lichtman SM, Katheria VV, Muss HB, Chapman AE, Cohen HJ, Hurria A, Dale W (2021)

Predictors of Unplanned Hospitalizations Among Older Adults Receiving Cancer Chemotherapy

JCO Oncology Practice, Online ahead of print.

Read More

Check DK, Bagett CD, Kim K, Roberts AW, Roberts MC, Robinson T, Oeffinger KC, Dinan MA (2021)

Predictors of Chronic Opioid Use: A Population-level Analysis of North Carolina Cancer Survivors Using Multi-Payer Claims

Journal of the National Cancer Institute, Online ahead of print.

Read More

Cottol C L Congyan ME D'Onofrio C Carr BC Vankatoch AK (2021)

many #pediatriccancers show cognitive impairment from treatment. This study can help provide guidance for those affected.

Join us at Noon for a virtual .@YaleCancer Grand Rounds. @BrettLindenbach & @DerekToomre talk "High Throughput Tools to Dissect #SARS-CoV-2 Replication & Exocyst Mediated Recycling of Primary Cilia".

A discovery led by @Muschenlab out today in @MolecularCell shows a common mechanism causing autoimmune diseases and #bloodcancers.

Learn how STING, an #immune-boosting protein, is helping in the fight against #headandneckcancer in a new study in @NatureComms from @Thomas_Hayman and Dr. Joseph Contessa.

Join .@BarbaraBurtness
Dr. Benjamin Judson, Dr. Bruce McGibbon
& support specialists for a virtual @SmilowCancer
Shares presentation "Understanding the Latest
Treatment Advances in #HeadandNeckCancer" April
20th/7pm.

.@ScienceDaily reports on new research by
@PeterGlazer @Glazerlab at #AACR21
showing a new #immunotherapy approach to fight
#melanoma.

The partnership of @CraigMCrews and @DanielPetrylak has brought ARV-110, a proteolysis-targeting chimaera, or PROTAC, to clinical trials @SmilowCancer for men with metastatic castration-resistant #prostatecancer.

Log in to #AACR21 at 1:30pm today to hear @DrRoyHerbstYale moderate a panel discussion on #Tobacco Control with KrishnanSarin and colleagues from the @AACR Tobacco Products and Cancer Subcommittee.

Calendar

Yale SPORE in Lung Cancer CEP & DRP Symposium April 30; 11:00 AM

Learn More

Getter C3, Carravari Nic, D Oriolino G, Carr BG, Verikatesii AK (2021)

Published Erratum: Corrigendum to "Who provides what care?

An analysis of clinical focus among the national emergency care

workforce" [Am J Emerg Med. 2021 Apr;42:228-232]

The American Journal of Emergency Medicine, Online ahead of print.

Read More

Crawford ED, Kane CJ, Harris RG, Bryce AH, Petrylak DP (2021)

Focus on Transitional Disease: A Critical Interval to Delay Progression of Prostate Cancer

Oncology.

Read More

Elsamadicy AA, Koo AB, Reeves BC, Freedman IG, Pennington Z, David WB, Ehresman J, Hengartner A, Laurans M, Kolb L, Shin JH, Sciubba DM (2021)

Cost and Healthcare Resource Utilization Differences after Spine Surgery for Bony Spine versus Primary Intradural Spine Tumors *World Neurosurgery,* Online ahead of print.

Read More

Chagpar AB, Garcia-Cantu C, Howard-McNatt MM, Gass JS, Levine EA, Chiba A, Lum S, Martinez R, Brown E, Dupont E; SHAVE2 authors (2021)

Does Localization Technique Matter for Non-palpable Breast Cancers?

The American Surgeon, Online ahead of print.

Read More

Yeung CW, Gilbertson-White S, Wickersham KE (2021)

"Live Your Life Cuz Everybody's Terminal": Describing Emotions and Coping Behaviors of Rural Advanced Cancer Patients

The Journal of Rural Health, Online ahead of print.

Read More

Schiffer M, Zhao J, Johnson A, Lee J, Bewersdorf JP, Zeidan AM The Development and Clinical Use of Oral Hypomethylating Agents in Acute Myeloid Leukemia and Myelodysplastic Syndromes: Dawn of The Total Oral Therapy Era Expert Review of Anticancer Therapy, Online ahead of print.

Read More

Funding and Award Opportunities

NCCN/AstraZeneca Initiative Request for Proposals (RFP) in

Patients with Early-Stage Non-Small Cell Lung Cancer (NSCLC)

The intent of this RFP is to encourage NCCN Member Institutions to submit LOIs describing concepts and ideas for developing, implementing, and evaluating healthcare provider performance and/or healthcare quality improvement initiatives to improve patient care and outcomes in early-stage NSCLC.

Letter of Intent Deadline: May 3, 2021

Read More

Yale Cancer Answers

May 2; 7:30 PM

NPR

Liver Cancer Advances

Mario Strazzabosco, MD, PhD

Learn More

Stem Cell Center Spring Seminar Series

May 3; 2:00 PM

The Significance of the Placenta for Development and Lifelong Health

Myriam Hemberger, PhD

Learn More

Kavli Distinguished Lecture

May 3; 4:00 PM

Recent Insights into the Molecular Mechanism of

Neurotransmitter Release at Synapses

James E Rothman, PhD

Learn More

Yale Cancer Center Grand Rounds

May 4; 12:00 PM

Clinical Research Opportunities in Brain Tumors" and "Molecular Basis of Gut Microbiome-associated

Carcinogenesis

Antonio Omuro, MD and Seth Herzon, PhD

Learn More

Yale Center for Immuno-Oncology Seminar

Series

May 4; 4:00PM

Carla Rothlin, PhD

Learn More

Yale Urology 2021 CME Series

May 4; 6:00 PM

Prostate Cancer

Michael S. Leapman, MD and Preston C. Sprenkle, MD

Learn More

Yale Cancer Center Presents

May 4; 6:00 PM

The Susan Beris, MD, Brain Tumor CME Seminar Jennifer Moliterno, MD, FAANS | Nicholas Blondin,

MD | Bruce McGibbon, MD | Brian Jin, LCSW Learn More

Pulmonary, Critical Care and Sleep Medicine Grand Rounds

May 5; 3:00 PM

Year in Review: Lung Cancer

Brett Bade, MD and Christopher Morton, MD

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Pfizer Global Medical Grants - NSCLC Therapy Management for Optimal Outcomes

Projects that will be considered for Pfizer support will focus on development of an algorithm or tool to guide the optimal treatment and support of patients with ALK or ROS1 re-arranged NSCLC.

Application Deadline: May 5, 2021

Read More

Hyundai Hope on Wheels Scholar Hope Grant (Pediatric)

This award is presented to researchers involved with translational research, working directly with patients. Recipients are selected based on the promise of their proposed research, and they receive a two-year grant totaling \$300,000.

Application Deadline: May 7, 2021

Read More

Hyundai Hope on Wheels Young Investigator Award (Pediatric)

The Hyundai Young Investigator Award provides funding for principal investigators whose research projects are likely to have a significant impact on improving the understanding of the biology of childhood cancer.

Application Deadline: May 7, 2021

Read More

NCCN/Pfizer/Astellas Request for Proposals (RFP): Enzalutamide in the Treatment of Prostate Cancer

The overall aim of this RFP is to develop innovative, novel, and impactful studies that address unmet needs as well as support the design and performance of enzalutamide research in the treatment of prostate cancer.

Letter of Intent Due: May 14, 2021

Read More

YHN SPORE Developmental Research Program

The Yale Head and Neck SPORE's Developmental Research Program (YHN-SPORE DRP) provides seed money to investigators to support studies with a strong translational component that have the potential to evolve into, or be incorporated as, a full YHN-SPORE project or to generate preliminary data or evidence of collaboration for other new NIH grant applications.

Application Deadline: May 15, 2021

Read More

YHN SPORE Career Enhancement Program

The Career Enhancement Program (CEP) of the Yale SPORE in Head and Neck Cancer (YHN-SPORE) has been established to educate the next generation of investigators committed to translational research in head and neck cancer. The CEP will provide support to promising junior investigators and/or establish investigators who have not previously conducted head and neck cancer focused research.

Application Deadline: May 15, 2021

Read More

Yale Cancer Center Internal Pilot Awards

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Yale Breast Cancer Summit

May 6; 8:00 AM

Qin Yan, PhD | Rachel Perry, PhD, BS | Caroline Johnson, PhD | Matthew Rodeheffer, PhD | Lajos Pusztai, MD, DPhil | Rachel Greenup, MD, MPH | Maryam Lustberg, MD, MPH | Sarah Mougalian, MD | Megan C. King, PhD | Patricia LoRusso, DO | Ryan B. Jensen, PhD | David Rimm, MD, PhD | Rong Fan, PhD | Vish Muthusamy, PhD | Richard Kibbey, MD/PHD | Mehra Golshan, MD, MBA | Nita Ahuja, MD, MBA, FACS | David F. Stern, PhD Learn More

Pathology Grand Rounds

May 6; 12:30 PM

Drug Delivery for Cardiac Regenerative Medicine Ke Cheng, PhD

Learn More

Yale Cooperative Center of Excellence in Hematology (YCCEH)

May 6; 2:00 PM

Long-term Single-cell Quantification: New Tools for Old Questions

Timm Schroeder, PhD

Learn More

Cancer Genetics and Prevention Seminar

May 6; 2:30 PM

Learn More

Center for GI Cancers Weekly Seminar

May 6; 4:15 PM

GI Biorepository Update
John Kunstman, MD, MHS

Learn More

Smilow Cancer Hospital and Yale Cancer Center Clinical and Research Town Hall

May 6; 5:00 PM

Nita Ahuja, MD, MBA, FACS | Kevin Billingsley, MD, MBA, FACS | Kim Slusser, MSN, RN | Robert Fogerty, MD, MPH, SFHM | Roy H. Decker, MD/PhD | Daniel DiMaio, MD, PhD

Learn More

Yale Cancer Answers

May 9; 7:30 PM

NPR

Pancreatic Cancer Research

Luisa Escobar-Hoyos, MSc, PhD

Learn More

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cancer research including basic, clinical, computational, population and epidemiology, prevention/control, implementation science and translational cancer research. Relevance of proposed research to our catchment area priorities is also an important consideration. YCC members are eligible to apply.

Application Deadline: June 1, 2021

Read More

Breast Cancer Alliance Young Investigator Grant

To encourage a commitment to breast cancer research, the BCA invites clinical doctors and research scientists whose primary focus is breast cancer and who are in the early stages of their careers to apply for funding for the Young Investigator Grant.

Internal LOI Deadline: June 1, 2021

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The Cure Starts Now Foundation Research Grants

Research questions considered - Disease Impact: Does the study propose an intervention or clinical tool that will reduce the morbidity or mortality from or potentially find a cure for pediatric brain cancer? Innovation: Does the research study propose a novel approach or represent advancement in current treatment of pediatric brain cancer?

Application Deadline: June 1, 2021

Read More

Cancer Prevention, Detection, Diagnosis, and Treatment Technologies for Global Health (U01)

This FOA supports the development of cancer-relevant technologies suitable for use in low- and middle-income countries.

Application Deadline: June 2, 2021

Read More

Bristol Myers Squibb Foundation Diversity in Clinical Trials Career Development Program

The BMSF DCTCDP is a 2-year program designed to support the career development of early-stage investigator (as defined by NIH) physicians underrepresented in medicine, or physicians who have a demonstrated commitment to increasing diversity in clinical research, to become independent clinical trial investigators who are engaged in advancing health equity through their research and mentoring.

Application Deadline: July 2, 2021

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Short Courses on Innovative Methodologies and Approaches in the Behavioral and Social Sciences (R25)

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs.

Application Deadline: June 4, 2021

Read More

The NCI Transition Career Development Award

Stem Cell Center Spring Seminar Series

May 10; 2:00 PM

New Single-cell Technologies to Dissect Reprogramming and Development

Samantha A. Morris, PhD

Learn More

Yale RNA Club Mini-Symposium

May 11; 8:45 AM

Luisa Escobar-Hoyos, MSc, PhD and Rong Fan,

PhD

Learn More

Yale Cancer Center Grand Rounds

May 11; 12:00 PM

Organizational Efforts to Cultivate Healthcare Professional Well-being: Before and After the

COVID-19 Pandemic
Tait Shanafelt, PhD

Learn More

Yale New Haven Health - Working Parents &

Guardians Group

May 12; 12:00 PM

Learn More

Bereavement Seminar

May 12; 5:30 PM

COVID-19 - Coping with the Loss of Your Loved

One
Read More

Pathology Grand Rounds

May 13; 12:30 PM

Read More

Cancer Genetics and Prevention Seminar

May 13; 2:30 PM

Read More

Smilow Wellness Workshop

May 13; 4:00 PM

Comic Relief: Humor as an Essential Coping Skill Brian Luke Seaward, PhD

Read More

Center for GI Cancers Weekly Seminar

May 13; 4:15 PM

Journal Club

Victor Chang, MD

Read More

Submissions

Please submit your recent publications, awards, and

- represents the continuation of an NCI program to facilitate the transition of investigators in mentored, non-independent cancer research positions to independent faculty cancer research positions. **Application Deadline:** June 12, 2021 **Read More**
- K22 Independent Clinical Trial Not Allowed- This FOA is designed specifically for candidates proposing research that does not involve leading an independent clinical trial, a clinical trial feasibility study, or an ancillary study to a clinical trial. Application Deadline: June 12, 2021 Read More
- K22 Independent Basic Experimental Studies with Humans Required- This FOA is designed specifically for basic science experimental studies involving humans. Application Deadline: June 12, 2021 Read More

Building Interdisciplinary Research Careers in Women's Health Program K12

This Program will support mentored research career development of junior faculty members, known as BIRCWH Scholars, who have recently completed clinical training or postdoctoral fellowships, and who will be engaged in interdisciplinary basic, translational, behavioral, clinical, and/or health services research relevant to the health of women and, where appropriate, the use of both sexes to better understand the influence of sex as a biological variable on health and disease.

Application Deadline: June 11, 2021

Read More

Administrative Supplements to Stimulate and Strengthen Global Cancer Survivorship Research

This NOSI is to announce an opportunity for supplemental funding to active, eligible NCI-funded grants and cooperative agreements to support global cancer survivorship research.

Application Deadline: June 11, 2021

Read More

Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research (R21 Clinical Trial Not Allowed)

This FOA is a continuation of an NCI program to enhance the diversity of the pool of the cancer research workforce by recruiting and supporting eligible New Investigators and Early Stage Investigators from diverse backgrounds, including from groups that have been shown to be nationally underrepresented in the biomedical, behavioral, clinical and social sciences.

Application Deadline: June 15, 2021

Read More

NCI Clinical Proteomic Tumor Analysis Consortium (CPTAC)

These FOAs support the NCI CPTAC managed by the Office of Cancer Clinical Proteomics Research (OCCPR). CPTAC leverages recent advancements in cancer proteomics and genomics to better understand the complexity between the proteome and the genome in cancer and accelerate research in these areas by disseminating resources for the scientific community.

Proteome Characterization Centers (PCCs) for Clinical
 Proteomic Tumor Analysis Consortium (1/24): Application

grant announcements to:

Renee Gaudette

Director, Public Affairs and Communications

Deadline lune 20, 2024 Dead Mars

Deadline: June 30, 2021 Read More

 Proteogenomic Data Analysis Centers (PGDACs) for Clinical Proteomic Tumor Analysis Consortium (U24): Application Deadline: June 30, 2021 Read More

 Proteogenomic Translational Research Centers (PTRCs) for Clinical Proteomic Tumor Analysis Consortium (U01): Application Deadline: July 30, 2021 Read More

2021 ALSF 'A' Award Grant

The 'A' Award is a four-year grant designed for independent, early career scientists who demonstrate a commitment to pediatric cancer research and have institutional support for their career development.

Application Deadline: June 18, 2021

Read More

NCCN/Pfizer Development of Talazoparib for Prostate Cancer RFP

This RFP is seeking proposals to advance the understanding of the mechanisms of action, underlying biology, and clinical activity of talazoparib in prostate cancer.

Letter of Intent Due: June 21, 2021

Read More

FY21 DoD Breast Cancer Research Program Funding Opportunities

- Breakthrough Award Levels 1 and 2: Letter of Intent Due: August 31, 2021
- Breakthrough Award Level 3: Pre-Application Due: June 24, 2021
- Breakthrough Award Level 4: Pre-Application Due: June 24, 2021
- Era of Hope Scholar Award: Letter of Intent Due: August 31, 2021
- Innovator Award: Pre-Application Due: June 24, 2021
- Transformative Breast Cancer Consortium Award: Pre-Application Due: June 24, 2021

Read More

3D Technologies to Accelerate HTAN Atlas Building Efforts (UH2)

Through this FOA, the NCI, as a part of its Beau Biden Cancer Moonshot Initiative, invites submission of applications requesting support for projects that will accelerate cancer research.

Application Deadline: June 30, 2021

Read More

Emergency Awards: Community-engaged COVID-19 Testing

Interventions among Underserved and Vulnerable Populations RADx-UP Phase II (U01 Clinical Trial Optional)

This FOA uses an emergency U01 mechanism to support Phase II of the Rapid Acceleration of Diagnostics – Underserved Populations (RADxSM-UP) initiative. These two-year Testing Research Projects will (1) expand the scope and reach of RADxSM-UP testing interventions to reduce COVID-19 disparities among underserved and vulnerable populations and (2) address scientific questions on interventions to increase access and uptake of COVID-19 testing given the increasing availability of SARS-CoV-2 vaccines.

Application Deadline: July 7, 2021

Read More

Emergency Award: RADx-UP - Social, Ethical, and Behavioral Implications (SEBI) Research on Disparities in COVID-19 Testing among Underserved and Vulnerable Populations (U01)

The overarching goal of the RADx-UP initiative is to understand and ameliorate factors that have placed a disproportionate burden of the pandemic on underserved and/or vulnerable populations, specifically by implementing programs that expand the scope and reach of COVID-19 testing interventions to reduce these disparities.

Application Deadline: July 7, 2021

Read More

2021 ALSF Young Investigator Grant

The Young Investigator Grant is a mentored career development award designed to support early career researchers, such as postdoctoral fellows, clinical fellows or instructors, striving to develop independent careers in pediatric cancer research.

Application Deadline: July 12, 2021

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Tobacco Regulatory Science (R01)

The purpose of this FOA is to invite R01 applications to support biomedical and behavioral research that will provide scientific data to inform regulation of tobacco products to protect public health.

Application Deadline: July 14, 2021

Read More

Centers on Telehealth Research for Cancer-Related Care (P50)

The purpose of this FOA is to fund P50 Centers dedicated to advancing a national telehealth research agenda focused on improving cancer-related care and outcomes across the cancer control continuum in a rapidly changing healthcare, policy, technology, and communication environment.

Application Deadline: July 20, 2021

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