

September 4, 2020

## Announcements

### Dr. Elizabeth Berger Joins Breast Center

We are pleased to welcome Dr. Elizabeth Berger, Assistant Professor of Surgery (Oncology) to The Breast Center at Smilow Cancer Hospital. Dr. Berger received her Medical Degree from Loyola University Chicago Stritch School of Medicine where she was also a Clinical Research Scholar. She recently completed a fellowship in Breast Surgical Oncology at Memorial Sloan Kettering Cancer Center and was selected as the Breast Cancer Alliance Fellow while at Memorial Sloan Kettering. She received her



Master of Science in Health Services and Outcomes Research from Northwestern University and did a General Surgery Residency at Loyola University Medical Center.

Dr. Berger was an American College of Surgeons (ACS) Clinical Scholar-in-Residence from 2014 to 2016. Her focus at the ACS was on breast cancer research and outcomes. Her research focuses on improving health outcomes for women with breast cancer, including perioperative surgical quality, cancer care quality measure development, and assessment of national accreditation in breast cancer surgery. Dr. Berger has published in several high impact journals such as *JAMA*, *Annals of Surgery*, and the *Journal of the American College of Surgeons*, as well as contributed chapters to several surgical textbooks. She has also served on national quality committees, including a member of the National Accreditation Program for Breast Centers (NAPBC).

### T-TARE Awarded

**Elias Lolis, PhD**, Professor of Pharmacology, has been awarded a Yale Cancer Center T-TARE Award to support his project, "**CXCR5-targeted CAR-T for Aggressive T Cell Lymphomas.**" In alignment with the collaborative, translational focus of the T-TARE Program, Dr. Lolis will collaborate with **Samuel Katz, MD, PhD**, Associate Professor of Pathology, **Francine Foss, MD**, Professor of Medicine (Hematology), and **Jason Cai, PhD**, Assistant Professor of Radiology and Biomedical Imaging. The goal of the T-TARE Program, led by Roy Herbst, MD, PhD, Associate Cancer Center Director for Translational Research, and Edward Kaftan, PhD, Associate Director for Translational Research Administration, is to support research that will develop into a multi-investigator grant submission to the National Cancer Institute, such as a Program Project Grant or SPORE grant.

### YCC Team Challenge Awards Presented

Yale Cancer Center is pleased to announce the 2020 **Team Challenge Award** recipients. The Team Challenge Awards are a new internal grant program focused on advancing the work of teams who seek to address a fundamental research priority that aligns and/or has the potential to successfully extend YCC strategic priorities. This year's funding was awarded to:

from the desk of  
**Charles S. Fuchs, MD, MPH**  
Director, Yale Cancer Center  
and Physician-in-Chief  
Smilow Cancer Hospital



Yale  
NewHaven  
Health  
Smilow Cancer  
Hospital

Yale **CANCER** CENTER  
A Comprehensive Cancer Center Designated  
by the National Cancer Institute

## News Center

'No One is Immune': Boseman's Death Shows  
Colon Cancer Affecting Young and Black  
Americans



[Read More](#)

When COVID-19 and Cancer Collide: What Nurses  
Should Know



[Read More](#)

- **Marcus Bosenberg, MD, PhD (Ishizuka, Iwasaki, Yan):** Modulating Epigenetics to Enhance Antitumor Immunity
- **Seth Herzon, PhD (Crawford, Goodman, Johnson, Palm):** Molecular Cancer Microbiology and the Underpinnings of Microbiome-associated Carcinogenesis
- **Nikhil Joshi, PhD (Craft, Fan, Ring):** Investigating how TFH Cells Develop and Function in Cancer
- **John Wysolmerski, MD (Bothwell, Rodeheffer):** The Effects of Dietary Fat on Obesity, Diabetes, and Cancer
- **Qin Yan, PhD (Politi, Xiao):** Epigenetic Mechanisms of Resistance to EGFR Family-Targeted Therapies

## Grand Rounds Reconvenes on Tuesday

Please join us on [Tuesday, September 8th](#) as we kick off Grand Rounds at noon with a presentation on the [State of Smilow Cancer Hospital and Yale Cancer Center](#). We will meet weekly at noon for the remainder of the 2020-2021 academic year and look forward to a variety of clinical and scientific presentations.

## Ned Sharpless to Join Smilow Town Hall

On [Wednesday, September 16 at 5pm](#), Ned Sharpless, MD, Director of the National Cancer Institute, will join us for our first Smilow Town Hall of the fall semester to talk about the NCI's priorities for the coming year and collaborations with NCI Comprehensive Cancer Centers during the COVID pandemic. Please mark your calendars to join us via [Zoom](#). As background, the NCI recently released their [annual budget plan](#) for consideration to the legislature, which focuses on accelerating cancer research and features four special scientific topics: cancer drug resistance, molecular diagnostics for cancer treatment, obesity and cancer, and cancer survivorship. The plan summary is available online for your review.

## Margaret Gilshannon, MHA, Named Senior Director of Finance & Administration for Integrated Business Operations

Yale School of Medicine leadership is moving toward a business support model that will standardize the business operations of clinical departments by integrating these functions across multiple departments under one integrated business operation. Consistent with that directive, Yale Cancer Center will begin moving forward with integrating departmental business operations with the Department of Pathology.



With this integration, Margaret Gilshannon, MHA, Senior Director of Finance & Administration for the Department of Pathology will formally expand her role to provide strategic administrative leadership to Yale Cancer Center and will work to align the administrative and financial processes and infrastructure in the department to the expanded group. Margaret has been appointed Senior Director of Finance & Administration for the Department of Pathology and Yale Cancer Center.

This integration is part of a broader initiative across YSM Business Operations to create a standard organizational infrastructure that will create opportunities for administrative and financial support structures and subject matter expertise that streamlines processes and meets financial, operational, and strategic support needs to integrate and implement a cross-departmental infrastructure.

Cross-departmental integration of business operations will enable all departments to share administrative and financial support resources while maintaining academic autonomy. Departments will benefit from having a greater depth of staff and subject matter experts while eliminating single points of failure. With this new support structure, we

## With Cheer, Couple Leads 'Team B' in Closer to Free Ride



[Read More](#)

## Chief Medical Officer Explains Safety Measures in Place for Cancer Patients



[Watch Now](#)

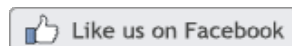
## Supporting Veterans one Step at a Time



[Read More](#)



## Join Smilow Cancer Hospital on Facebook



Every day, 43 families in the United States receive the news that their child has been diagnosed with cancer. At Smilow, our dedicated pediatric hematologists and oncologists in the Pediatric Hematology and Oncology Program provide care for children with all forms of cancer and blood diseases. Our participation in the Children's Oncology Group studies makes it possible to provide the most current and advanced treatment regimens to children with any form of cancer, common or rare. Thank you to our physicians and their entire team for the care they provide to these children and their families each day!

will be able to effectively support the growth and development of our clinical, research, and education missions.

I fully support this integration of business operations and look forward to a smooth transition. We are truly pleased to welcome Margaret to our Yale Cancer Center team.

## EPIC Storyboard

We are pleased to offer several Epic drop-in sessions to work directly with John Murray, Principal Trainer and Instructional Designer. Sessions are available every Tuesday from 1-3pm to help go through the new layout of storyboard and address additional personalization needs. Please sign up for sessions through the [Doodle Poll](#) or email [John Murray](#) directly.

## Notables

**Meena Moran, MD**, Professor of Therapeutic Radiology and Director of the Breast Radiotherapy Program, has been appointed **Vice Chair of the NCCN Breast Cancer Panel**. The Panel is charged with establishing the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) for Breast Cancer, a free resource for patients and a highly access resource around the world. The breast guidelines were downloaded more than 619,000 times in 2019.

**Carrie Lucas, PhD**, Assistant Professor of Immunobiology and a member of the Cancer Immunology Research Program, has been awarded the **Christina Fleischmann Award to Young Women Investigators** from the International Cytokine and Interferon Society. This award is dedicated to the memory of outstanding interferon research scientist Christina Fleischmann, and recipients are young women investigators who demonstrate excellence in cytokine, chemokine and interferon biology. Dr. Lucas leads a laboratory devoted to discovering new and translationally relevant principles of immunology by defining and studying novel monogenic human immune disorders.

**Aaron Ring, MD, PhD**, Assistant Professor of Immunobiology and a member of the Cancer Immunology Research Program, has won the **International Cytokine and Interferon Society Milstein Young Investigator Award**. Recipients of this award are young investigators who have received their PhD or MD in the last 10 years, and have demonstrated notable contributions to either basic or clinical research.

**The Genetics, Genomics, and Epigenetics Research Program** is proud to welcome **C. Patrick Lusk, PhD**, and **Minghao Zhong, MD, PhD**, to its program. Dr. Lusk is an Associate Professor of Cell Biology. His lab's primary interest is to understand the fundamental mechanisms that establish and maintain the biochemical identity of the nucleus. Dr. Lusk has been examining the nuclear envelope, nuclear pore complexes (NPCs), and nuclear transport since his graduate work. This pioneering work has played an important role in establishing new conceptual paradigms in the field and is fueling interest in exploring the relevance of this pathway to cancer.

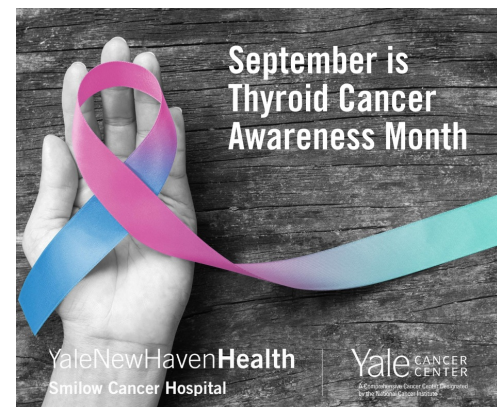


Dr. Zhong is an Associate Professor of Pathology. He is a physician-scientist with major interests in decoding the molecular blueprints of cancers and developing novel cancer therapeutics. During his residency, Dr. Zhong studied a unique subtype of renal cell carcinoma (RCC), Xp11 translocation



[Read More](#)

September is Thyroid Cancer Awareness Month, and annually nearly 12,000 men and 35,000 women are diagnosed with thyroid cancer, according to the Center for Disease Control and Prevention. Our Endocrine Program team is devoted to providing compassionate, state-of-the-art care to patients with evaluation, diagnosis, and treatment of both cancerous and benign tumors of the thyroid and parathyroid, as well as adrenal glands, pituitary gland, hypothalamus, and pancreas.



[Read More](#)

We are pleased to announce that Catherine Wei, MD, was recently appointed Instructor of Medicine (Hematology), and Kathleen Fenn, MD, named Instructor of Medicine (Medical Oncology) at the Smilow Cancer Hospital Care Center in Trumbull.



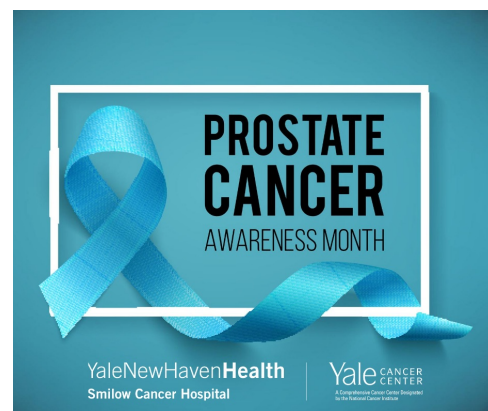
[Read More](#)

September is Prostate Cancer Awareness Month, and it's important to note that early detection is critical to long-term survival. Prostate Cancer is the second most common type of cancer afflicting men in the

RCC, which carries a recurrent chromosomal translocation that up-regulates TFE3, the member MiT transcription factor family. Currently he is trying to identify more driver mutations in promoter regions.



United States, and Yale Urology and Yale Cancer Center are home to many preeminent researchers in the area of prostate cancer, providing patients access to the most advanced drug and treatment therapies available in New England at Smilow Cancer Hospital.



## Out of the Blue Thanks!



Yale Cancer Center & Smilow Cancer Hospital's #OUTOFTHEBLUETHANKS recently recognized the following employees from the Halene lab: **Rana Gbyli**, Research Assistant; **Padmavathi Mamillapalli**, Research Assistant 1 MS; and **Amisha Patel**, Research Assistant.

This team, who runs the Hematology tissue bank and helps out the Clinical Research Support Lab (CRSL) wherever possible without hesitation, was recently recognized when they rose to the challenge to process samples from patients diagnosed with COVID. They diligently created safe practices to process these samples and maintain a safe work environment. At the same time, they continued to support valuable clinical trial research that could not be paused. As a result, important insights have been gained about COVID coagulopathy, platelet dysfunction, and other disease pathophysiology. They also made large quantities of disinfectant and provided 70% ethanol spray bottles for disinfection of surfaces to anyone who needed it outside of their own laboratory to stay safe and keep the Yale work environment clean. Thank you for your incredible efforts!

Yale Cancer Center & Smilow Cancer Hospital's #OUTOFTHEBLUETHANKS program is a staff recognition initiative to show appreciation to employees who have exemplified an above-and-beyond effort or an outstanding contribution to the team. If you are interested in submitting a nomination, please complete this [nomination form](#) and return it to the Director's Office c/o [Anna Raso](#).

## Recent Publications

Ngwube A, Shah N, Godder K, Jacobsohn D, Hulbert M, Shenoy S  
**Abatacept is effective as GVHD prophylaxis in unrelated donor stem cell transplantation for children with severe sickle cell disease**

*Blood Adv* (2020) 4 (16): 3894–3899.

[Read More >>](#)

Trant, A. A., Walz, L., Allen, W., DeJesus, J., Hatzis, C., & Silber, A.

### [Read More](#)

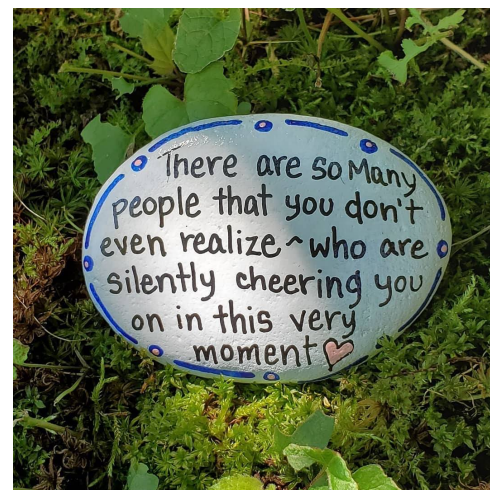
“Poetry is the spontaneous overflow of powerful feelings: it takes its origin from emotion recollected in tranquility.” This quote by William Wordsworth defines poetry as the expression of emotions that a regular conversation would not be able to project. The emotions of poetry come from within the heart, not solely from the mind.

Sometimes, our vocabulary is insufficient to describe our mood. Poetry is a form of language uniquely capable of addressing this by supplying the elusive words needed to articulate difficult experiences, kindling moments of contemplation on lived experiences.

Smilow Poetry Rocks is a non-clinical intervention that can help ease patients' concern and anxiety and serve as a catalyst for conversation. Facilitated by the power of poetry and inspirational hand painted rocks, we aim to offer patients a brief respite from their daily in-patient routine by opening the doors to a reflective conversation regarding their emotions and experience with illness.

This project was supported by a grant from the YNHH Auxiliary's Project Grants program as part of its mission to improve patient care.

“My wish for you is that you continue.  
Continue to be who and how you are,  
to astonish a mean world with your acts of kindness.  
Continue to allow humor to lighten the burden of your tender heart.”



(2020).

### **Increasing accrual of minority patients in breast cancer clinical trials.**

*Breast cancer research and treatment*, 10.1007/s10549-020-05873-2. Advance online publication.

[Read More >>](#)

Bajwa, R., Madoff, D. C., & Kishore, S. A. (2020).

### **Embolotherapy for Hepatic Oncology: Current Perspectives and Future Directions.**

*Digestive disease interventions*, 4(2), 134–147.

[Read More >>](#)

Lin, N. U., Borges, V., Anders, C., Murthy, R. K., Paplomata, E., Hamilton, E., Hurvitz, S., Loi, S., Okines, A., Abramson, V., Bedard, P. L., Oliveira, M., Mueller, V., Zelnak, A., DiGiovanna, M. P., Bachelot, T., Chien, A. J., O'Regan, R., Wardley, A., Conlin, A., ... Winer, E. P. (2020).

### **Intracranial Efficacy and Survival With Tucatinib Plus Trastuzumab and Capecitabine for Previously Treated HER2-Positive Breast Cancer With Brain Metastases in the HER2CLIMB Trial.**

*Journal of clinical oncology : official journal of the American Society of Clinical Oncology*, 38(23), 2610–2619.

[Read More >>](#)

Marginean, E. C., & Dhanpat, J. (2020).

### **Pathologic assessment of endoscopic resection specimens with superficial carcinoma of the esophagus: current practice and practical issues.**

*Annals of the New York Academy of Sciences*, 10.1111/nyas.14455.

Advance online publication.

[Read More >>](#)

Bond, M. J., Chu, L., Nalawansa, D. A., Li, K., & Crews, C. M. (2020).

### **Targeted Degradation of Oncogenic KRAS<sup>G12C</sup> by VHL-Recruiting PROTACs.**

*ACS central science*, 6(8), 1367–1375.

[Read More >>](#)

Lu, Y., Liu, Y., Oeck, S., Zhang, G. J., Schramm, A., & Glazer, P. M. (2020).

### **Hypoxia induces resistance to EGFR inhibitors in lung cancer cells via upregulation of FGFR1 and the MAPK pathway.**

*Cancer research*, canres.1192.2020. Advance online publication.

[Read More >>](#)

Capobianco, E., & Deng, J. (2020).

### **Radiomics at a Glance: A Few Lessons Learned from Learning Approaches.**

*Cancers*, 12(9), E2453.

[Read More >>](#)

Murali, N., Kucukkaya, A., Petukhova, A., Onofrey, J., & Chapiro, J. (2020).

### **Supervised Machine Learning in Oncology: A Clinician's Guide.**

*Digestive disease interventions*, 4(1), 73–81.

[Read More >>](#)

Bewersdorf, J. P., Giri, S., Wang, R., Podoltsev, N., Williams, R. T., Tallman, M. S., Rampal, R. K., Zeidan, A. M., & Stahl, M. (2020).

### **Interferon alpha therapy in essential thrombocythemia and polycythemia vera-a systematic review and meta-analysis.**

*Leukemia*, 10.1038/s41375-020-01020-4. Advance online publication.

[Read More >>](#)

[Read More](#)

September is also Gynecologic Cancer Awareness Month. Every year, more than 94,000 women in the United States are told they have a gynecologic cancer. At Smilow Cancer Hospital, our team of gynecologic oncologists are dedicated to the research, diagnosis, and treatment of all gynecological cancers and are available to support all women in need of care.



[Read More](#)

Wendy Marin, a Patient Care Associate on our Hematology Inpatient Floor, NP 11, takes time to recognize our patients with individualized attention and care. Wendy is fluent in Spanish and often makes a point of asking to take care of patients who speak Spanish as their first language. She helps them preorder their meals and assists with other language barriers. Over the last few months, Wendy has planned numerous birthday celebrations for patients in the hospital, including cakes, gifts, and FaceTime calls with families to bring everyone together while COVID visitor restrictions have been in place. In addition, Wendy takes time to decorate NP 11 seasonally and for holidays and plans staff celebrations for the unit, including baby showers and staff birthdays. Each holiday season, Wendy organizes a toy drive to send gifts to orphans in the Dominican Republic, Columbia, and Venezuela. Thank you for being a true #SmilowStar, Wendy!



[Read More](#)

Join Dr. Franklin Brown, Assistant Professor of Neurology, on Yale Cancer Answers on [Connecticut Public Radio](#). Dr. Brown will discuss the neuropsychological impact of brain cancer, and the supportive care options available to our patients.

Fosam, A., & Perry, R. J. (2020).

**Current mechanisms in obesity and tumor progression.**

*Current opinion in clinical nutrition and metabolic care*, 10.1097/MCO.0000000000000690. Advance online publication.

[Read More >>](#)

Li, G., Kanagasabai, T., Lu, W., Zou, M. R., Zhang, S. M., Celada, S. I., Izban, M. G., Liu, Q., Lu, T., Ballard, B. R., Zhou, X., Adunyah, S. E., Matusik, R. J., Yan, Q., & Chen, Z. (2020).

**KDM5B is essential for the hyper-activation of PI3K/AKT signaling in prostate tumorigenesis.**

*Cancer research*, canres.0505.2020. Advance online publication.

[Read More >>](#)

Podoltsev, N. A., Wang, X., Wang, R., Hofmann, J. N., Liao, L. M., Zeidan, A. M., Mesa, R. A., & Ma, X. (2020).

**Diet and Risk of Myeloproliferative Neoplasms in Older Individuals from the NIH-AARP Cohort.**

*Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*, cebp.0592.2020. Advance online publication.

[Read More >>](#)

Liu, M., Zhang, Q., Fang, K., & Ma, S. (2020).

**Structured Analysis of the High-dimensional FMR Model.**

*Computational statistics & data analysis*, 144, 106883.

[Read More >>](#)

Malvi, P., Janostiak, R., Chava, S., Manrai, P., Yoon, E., Singh, K., Harigopal, M., Gupta, R., & Wajapeyee, N. (2020).

**LIMK2 promotes the metastatic progression of triple-negative breast cancer by activating SRPK1.**

*Oncogenesis*, 9(8), 77.

[Read More >>](#)

Brown, J. C., Zhang, S., Ligibel, J., Irwin, M. L., Jones, L. W., Campbell, N., Pollak, M. N., Sorrentino, A., Cartmel, B., Harrigan, M., Tolane, S. M., Winer, E. P., Ng, K., Abrams, T. A., Sanft, T., Douglas, P., Hu, F. B., Fuchs, C. S., & Meyerhardt, J. A. (2020).

**Effect of Exercise or Metformin on Biomarkers of Inflammation in Breast and Colorectal Cancer: A Randomized Trial.**

*Cancer prevention research (Philadelphia, Pa.)*, canprevres.0188.2020. Advance online publication.

[Read More >>](#)

Martinez-Terroba, E., & Dimitrova, N. (2020).

**Long noncoding RNA amplified in lung cancer rewires cancer pathways.**

*The Journal of cell biology*, 219(9), e202007098.

[Read More >>](#)

MacNeil, T., Vathiotis, I. A., Martinez-Morilla, S., Yaghoobi, V., Zugazagoitia, J., Liu, Y., & Rimm, D. L. (2020).

**Antibody validation for protein expression on tissue slides: a protocol for immunohistochemistry.**

*BioTechniques*, 10.2144/btn-2020-0095. Advance online publication.

[Read More >>](#)

## Funding Opportunities

### COVID Gap Funding

The purpose of this RFP for COVID supplemental funding is to provide



[Read More](#)


On August 27, 1942, physicians at Yale University made medical history as they administered the first use of intravenous chemotherapy as a cancer treatment in the United States.





[Read More](#)


## Follow Yale Cancer Center on Twitter

Follow us on [twitter](#)

 Yale Cancer Center is a collaboration between renowned cancer researchers and physicians at Yale University and Smilow Cancer Hospital.

 It's almost time for [.@CTFRide!](#) The 2020 event is now virtual taking place September 12th with all proceeds benefitting [@YaleCancer](#) and [@SmilowCancer](#)

 Join Dr. Franklin Brown, Assistant Professor of Neurology, on Yale Cancer Answers on [@wnpr](#) today at 7:30pm. Dr. Brown will discuss the neuropsychological impact of [#BrainTumors](#), and the supportive care options available to our patients [@SmilowCancer](#)

 [#OncologyNurse](#) Marianne Davies talks with [@OncNursingNews](#) to discuss when [#COVID19](#) and [#cancer](#) collide. What nurses need to know about a possible rise in late-stage disease.

Our CMO [.@SmilowCancer](#) [@BillingsleyM](#)

a mechanism of funding support for research-focused faculty whose work was delayed due to COVID-19.

[Read More >>](#)

### **NCCN Pfizer Biosimilars RFP Opportunity**

The intent of this RFP is to encourage organizations in the United States to submit initial LOIs describing concepts that develop and validate enduring approaches to improve the safe, effective and efficient adoption of biosimilars in oncology.

**Application Deadline:** September 9, 2020

[Read More >>](#)

### **American Cancer Society and Pfizer Global Medical Grants Addressing Racial Disparities in Cancer Care**

This is a competitive grant opportunity focused on addressing systematic race-related barriers that contribute to disparities in outcomes among Black men and women with cancer.

**Application Deadline:** September 10, 2020

[Read More >>](#)

### **Emergency Awards: Automatic Detection and Tracing of SARS-CoV-2 (U01)**

The NIH is issuing this FOA in response to the declared public health emergency issued by the Secretary, Department of Health and Human Services (DHHS), for 2019 Novel Coronavirus (COVID-19). This RFA will support the early stage development of an innovative platform that integrates biosensing with touchscreen or other digital devices to achieve detection and tracing of SARS-CoV-2 in real-time.

**Application Deadline:** September 15, 2020

[Read More >>](#)

### **Emergency Awards: Exosome-based Non-traditional Technologies Towards Multi-Parametric and Integrated Approaches for SARS-CoV-2 (U18)**

The NIH is issuing this FOA in response to the declared public health emergency issued by the Secretary, Department of Health and Human Services (DHHS), for the 2019 Novel Coronavirus (COVID-19). This FOA seeks to use developed technologies for single vesicle or exosome isolation and analysis and reposition these technologies for the detection of SARS-CoV-2.

**Application Deadline:** September 18, 2020

[Read More >>](#)

### **CRI Irvington Postdoctoral Fellowship Program.**

This program furthers career development and supports laboratory research for promising young scientists working under the mentorship of leading immunologists.

**Application Deadline:** October 1, 2020

[Read More >>](#)

### **Promoting Research on Music and Health: Phased Innovation Award for Music Interventions (R61/R33 Clinical Trial Optional)**

The purpose of this FOA is to promote innovative research on music and health with an emphasis on developing music interventions aimed at understanding their mechanisms of action and clinical applications for the treatment of many diseases, disorders, and conditions.

**Application Deadline:** October 2, 2020

[Read More >>](#)

### **Assay development and screening for discovery of chemical probes, drugs or immunomodulators (R01)**

Through this FOA, NCI wishes to stimulate research in discovery and development of novel, small molecules for their potential use in studying disease treatment relevant to the missions of the participating NIH Institutes.

**Application Deadline:** October 5, 2020

recently spoke with [@BeckersHR](#) on the shifting priorities during the [#COVID](#) pandemic and innovation in [#cancer](#) care.

Dr. Andrea Silber and her team [@YaleCancer](#) had an article published today in the journal Breast Cancer Research and Treatment looking at increasing accrual of minority patients in [#breastcancer](#)

We're proud to announce [@theNCI](#) has named Dr. Daniel DiMaio a recipient of its Outstanding Investigator Award. The \$7 million, 7-year grant will help advance the understanding of mechanisms that mediate infection by [#HPV](#)

"I looked for a Fellowship program that had a strong clinical training component and research opportunities and [@YaleHemOnc](#) had the perfect mix!" — Julia Foldi, 3rd year medical oncology-hematology fellow

[@YaleCancer](#) researcher Dr. Luisa Escobar-Hoyos led findings just published in [@cellpressnews](#) uncovering a link between certain mutations & the mechanism regulating cell activity to develop new treatments for [#pancreaticcancer](#).

---

## Calendar

### **Neurology Clinical Grand Rounds**

**September 4; 1:00 PM**

*Advances in Stroke*

Bruce Campbell, MBBS (Hons), BMedSc, PhD, FRACP, FAHMS

[Learn More >>](#)

### **Phone Meditation hosted by Smilow Integrative Medicine**

**September 4, 1:00 PM**

[Learn More >>](#)

### **Yale Cancer Answers**

**September 6; 7:30 PM**

**NPR**

*Focal Therapy for Prostate Cancer/Prostate Cancer Awareness*

Preston C. Sprenkle, MD

[Learn More >>](#)

### **Yale Cancer Center Grand Rounds**

**September 8; 12:00 PM**

*The State of Yale Cancer Center and Smilow Cancer Hospital*

Charles Fuchs, MD, MPH

[Learn More >>](#)

### **Phone Meditation hosted by Smilow Integrative Medicine**

**September 8; 12:30 PM**

[Learn More >>](#)

### **Zumba Gold hosted by Smilow Integrative Medicine**

**September 8; 1:00 PM**

[Learn More >>](#)

### **Restorative Yoga with Ellen McNally hosted by Smilow Integrative Medicine**

**September 8; 3:00 PM**

[Read More >>](#)

### **Secondary Analysis and Integration of Existing Data to Elucidate the Genetic Architecture of Cancer Risk and Related Outcomes (R01 and R21)**

Through these FOAs, the NCI along with the NHGRI and NIDCR encourages submission of applications proposing to conduct secondary data analysis and integration of existing datasets and database resources, with the ultimate aim to elucidate the genetic architecture of cancer risk and related outcomes.

**Application Deadlines:** October 5, 2020 (R01) and October 16, 2020  
[Read More >>](#)

### **AACR-AstraZeneca Stimulating Therapeutic Advances through Research Training (START) Grants**

These unique three-year grants of \$225,000 provide postdoctoral or clinical fellows with the opportunity to conduct research in both academia and industry. Proposals should focus on DNA Damage Response or epigenetics in cancer. Selected fellows will spend one year at an AstraZeneca facility.

**Application Deadline:** October 6  
[Read More >>](#)

### **2021 Szent-Györgyi Prize for Progress in Cancer Research**

This annual prize honors scientists who have made an original discovery or breakthrough in scientific understanding that has had a lasting impact on the cancer field and a direct impact of saving people's lives.

**Deadline:** October 15, 2020  
[Read More >>](#)

### **Fertility Status as a Marker for Overall Health (R01 and R21)**

The purpose of this FOA is to support research that explores the premise that fertility status can be a marker for overall health.

**Application Deadline:** October 19, 2020  
[Read More >>](#)

### **NCI Clinical and Translational Exploratory/Developmental Studies (R21)**

This FOA supports preclinical and early phase clinical research, as well as correlative studies, directly related to advancements in cancer treatment, diagnosis, prevention, symptom management, or reduction of cancer health disparities

**Application Deadline:** October 20, 2020  
[Read More >>](#)

### **Aging, Cancer-Initiating Cells, and Cancer Development (U01)**

Through this FOA, the NCI and National Institute on Aging will promote research to advance the understanding of the mechanistic factors and cellular interactions during aging that contribute to cancer initiation.

**Application Deadline:** October 27, 2020  
[Read More >>](#)

### **Visualization Methods and Tools Development for Enhancing Cancer Moonshot Data (R33 Clinical Trial Not Allowed)**

The purpose of this FOA is to stimulate the development of new cancer data visualization methods and tools that have the potential to make data aligned with the Cancer Moonshot more explorable and interpretable by the broader cancer research community

**Application Deadline:** October 30, 2020  
[Read More >>](#)

### **Innovative Research in Cancer Nanotechnology (IRCN) (R01 Clinical Trial Not Allowed)**

[Learn More >>](#)

**Virtual T'ai Chi/Qigong hosted by Smilow Integrative Medicine**  
**September 9; 2:00 PM**

[Learn More >>](#)

**Phone Meditation hosted by Phil Levine, Mindfulness Meditation Coach**  
**September 9; 4:00 PM**

[Learn More >>](#)

**Genetics Hosts: Advance film screening of "Picture a Scientist"**  
**September 9-16**

[Learn More >>](#)

**Virtual Gentle Yoga hosted by Smilow Integrative Medicine**

**September 10; 9:30 AM**

[Learn More >>](#)

**Guided Imagery Meditation with Michele Grand LMT hosted by Smilow Integrative Medicine**  
**September 10; 11:30 AM**

[Learn More >>](#)

**Pathology Grand Rounds**

**September 10; 12:30 PM**

*The Repertoire of Genetic Alterations in Salivary Gland Tumors: Predictive, Prognostic and Diagnostic Markers*

Alena Skalova, MD

[Learn More >>](#)

**Kavli Distinguished Lecture**

**September 10; 4:00 PM**

*The Development, Regeneration, and Amplifying Activity of Hair Cells*

A. James Hudspeth, MD, PhD

[Learn More >>](#)

**Neurology Clinical Grand Rounds**

**September 11; 12:00 PM**

[Learn More >>](#)

**Phone Meditation hosted by Smilow Integrative Medicine**

**September 11; 1:00 PM**

[Learn More >>](#)

**Yale Cancer Answers**

**September 13; 7:30 PM**

**NPR**

*Liver Cancer/GI*

Stacey Stein, MD

[Learn More >>](#)

**Virtual T'ai Chi/Qigong hosted by Smilow Integrative Medicine**  
**September 14; 3:00 PM**

[Learn More >>](#)

**Genetics Department Seminar Series**

**September 15; 11:30 AM**

David Pellman, PhD

[Learn More >>](#)

**Yale Cancer Center Grand Rounds**

**September 15; 12:00 PM**

*Translational Lung Cancer Research at Yale: 10 Years-in-Review*

Roy S. Herbst, MD, PhD



□ This FOA encourages applications promoting transformative discoveries in cancer biology and/or oncology through the use of nanotechnology.

**Application Deadline:** November 4, 2020

[Read More >>](#)

### **NCI Outstanding Investigator Award (R35)**

The objective of the NCI OIA is to provide long-term support to accomplished investigators with outstanding records of cancer research productivity who propose to conduct exceptional research.

**Application Deadline:** November 6, 2020

[Read More >>](#)

### **NCI Pediatric In Vivo Testing Program (U01)**

This FOA is for Research Teams to form the *NCI Pediatric in Vivo Testing Program (henceforth termed the Ped-In Vivo-TP)*.

**Application Deadline:** November 9, 2020

[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:** November 9, 2020

[Read More >>](#)

### **Core Infrastructure Support for Cancer Epidemiology Cohorts (U01 Clinical Trial Not Allowed)**

Through this FOA, the NCI encourages grant applications for support of the core functions of Cancer Epidemiology Cohorts (CECs), as well as methodological research. This FOA is intended to support the maintenance of existing CECs infrastructure and resource sharing with broader scientific communities.

**Application Deadline:** November 12, 2020

[Read More >>](#)

### **DoD Rare Cancers Research Program**

These FOAs aim to greatly improve outcomes for people with rare cancer through discovery and community building, and expansion of knowledge across the cancer landscape.

- **Concept Award – Letter of Intent Due:** November 12, 2020
- **Idea Development Award – Letter of Intent Due:** November 12, 2020
- **Resource and Community Development Award – Letter of Intent Due:** November 12, 2020

[Read More >>](#)

### **The NCI Predoctoral to Postdoctoral Fellow Transition Award (F99/K00)**

The purpose of the NCI Predoctoral to Postdoctoral Fellow Transition Award (F99/K00) is to encourage and retain outstanding graduate students recognized by their institutions for their high potential and strong interest in pursuing careers as independent cancer researchers.

**Application Deadline:** November 18, 2020

[Read More >>](#)

### **Limited Competition: Childhood Cancer Survivor Study (U24 Clinical Trial Required)**

The purpose of this limited competition FOA is to continue support for the Childhood Cancer Survivor Study as a resource enabling broad studies on the long-term effects of cancer and its associated therapies on survivors of pediatric and adolescent cancers.

**Application Deadline:** November 18, 2020

[Read More >>](#)

[Learn More >>](#)

### **Phone Meditation hosted by Smilow Integrative Medicine**

**September 15; 12:30 PM**

[Learn More >>](#)

### **Zumba Gold hosted by Smilow Integrative Medicine**

**September 15; 1:00 PM**

[Learn More >>](#)

### **Restorative Yoga with Ellen McNally hosted by Smilow Integrative Medicine**

**September 15; 3:00 PM**

[Learn More >>](#)

### **Bereavement Seminar**

**September 16; 1:30 PM**

*Understanding and Managing Grief – How Long am I Going to Feel Like This?*

[Learn More >>](#)

### **Virtual T'ai Chi/Qigong hosted by Smilow Integrative Medicine**

**September 16; 2:00 PM**

[Learn More >>](#)

### **Phone Meditation hosted by Phil Levine, Mindfulness Meditation Coach**

**September 16; 4:00 PM**

[Learn More >>](#)

### **Smilow Town Hall**

**September 16; 5:00 PM**

*An Update from Smilow Cancer Hospital*

Norman E. "Ned" Sharpless, MD

[Learn More >>](#)

### **Virtual Gentle Yoga hosted by Smilow Integrative Medicine**

**September 17; 9:30 AM**

[Learn More >>](#)

### **Guided Imagery Meditation with Michele Grand LMT hosted by Smilow Integrative Medicine**

**September 17; 11:30 AM**

[Learn More >>](#)

### **Pathology Grand Rounds**

**September 17; 12:30 PM**

*Automated Machine Learning & the Introduction of MILO (Machine Intelligence Learning Optimizer)*

Hooman H. Rashidi, MD, MS, FASCP

[Learn More >>](#)

---

### **Submissions**

Please submit your recent publication and grant announcements to:

[Renee Gaudette](#)

Director, Public Affairs and Communications

### **Glioblastoma Therapeutics Network (U19)**

The overall goal of this FOA is to improve the treatment of adult glioblastoma (GBM) by developing novel effective agents that can cross the blood brain barrier (BBB) and testing them in the clinic.

**Application Deadline:** November 19, 2020

[Read More >>](#)

### **Alex's Lemonade Stand RUNX1 Early Career Investigator Grant**

The RUNX1 Early Career Investigator grant is a 3-year award designed to fund research in strategies leading to the development of therapies to prevent the transition from pre-leukemia to leukemia for patients with RUNX1-FPD.

**Application Deadline:** December 16, 2020

[Read More >>](#)

### **NCI Research Specialist Awards**

- Core-Based Award: **Application Deadline** - January 4, 2021
- This FOA invites grant applications in any area of NCI-funded cancer research. This FOA is specifically for core/shared resource/central scientific support scientists.
- Laboratory-Based Award: **Application Deadline** - January 4, 2021
- This FOA invites grant applications in any area of NCI-funded cancer research. This FOA is specifically for laboratory-based scientists.

[Read More >>](#)

### **Clinical Translation of Activated Optical Fluorescence Methods and Technologies for Sensitive Cancer Detection in Vivo (R01)**

The purpose of this FOA is to bring a highly sensitive imaging technology capable of detecting very small (1-3 mm<sup>3</sup>) tumors *in vivo* to clinical utility.

**Application Deadline:** February 10, 2021

[Read More >>](#)