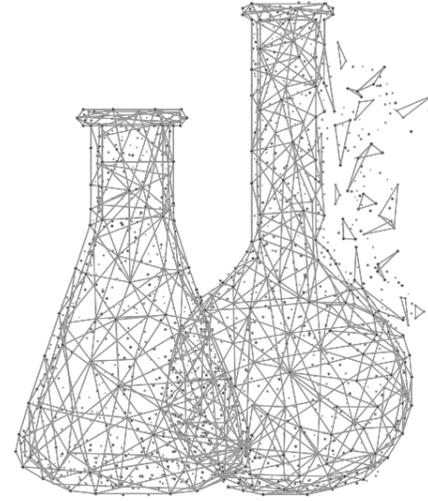



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Passion and commitment coming together to innovate and accelerate pancreatic cancer research.

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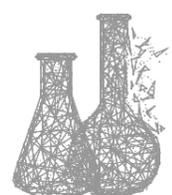
PRESS

March 5, 2020 |

The Pancreatic Cancer Collective Extends Four Research Teams in \$16 Million Push for New Therapies

PHILADELPHIA — The Pancreatic Cancer Collective, the strategic partnership of Lustgarten Foundation and Stand Up To Cancer (SU2C), has awarded additional funding of up to \$16 million to four teams of top researchers as part of its “New Therapies Challenge Grants,” the American Association for Cancer Research (AACR), Scientific Partner of SU2C, announced today.

The additional support builds on a first round of funding announced in November 2018. These four teams originally received up to \$1 million each to pursue preclinical work over 13 months, including several projects seeking to repurpose drugs approved for other uses for their potential to treat pancreatic cancer. These teams demonstrated the most promising preliminary results to allow them to take potential therapies into clinical trials. Pancreatic cancer is one of the deadliest forms of cancer, with a five-year survival rate of about 9 percent, according to the National Cancer

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focused on clinical trials.

“We are impressed by the results of the first round,” said David A. Tuveson, MD, PhD, chief scientist of the Lustgarten Foundation and director of the cancer center at Cold Spring Harbor Laboratory in New York. “Under this

phased ‘Challenge Grant’ approach, teams are accelerating pre-clinical work and we are very eager to take the next step to bring new applications for pancreatic cancer treatment to clinical studies.”

“It is gratifying to see the initial success of the New Therapies Challenge project, which we created to accelerate the research process and bring improved treatment options to patients,” said Kerri Kaplan, president and CEO of the Lustgarten Foundation. “Through the Pancreatic Cancer Collective, these two leading cancer organizations have demonstrated the strength of collaboration. We are excited for the potential for breakthroughs in effective pancreatic cancer treatments and, eventually, a cure for this deadly disease.”

The AACR will support the administration of these projects receiving funding for the second round, including:

Targeting SHP2 in Pancreatic Cancer: Team leader: Rene Bernards, PhD, Netherlands Cancer Institute; co-leaders: Hana Algül, MD, PhD, Technical University of Munich, and Emile E. Voest, MD, PhD, Netherlands Cancer Institute. The team focuses on pancreatic tumors that have a mutation in the KRAS gene and has conducted preclinical testing of drug combinations that inhibit certain proteins in the malignant cells. In the second stage, the team will move into a phase I/Ib clinical trial to test the combination of SHP2 inhibitors (RMC4630) and ERK inhibitors (LY3214996). The results are expected to lay the basis for a phase II clinical trial.

Exploiting DNA Repair Gene Mutations in Pancreatic Cancer: Team leader: Alan D’Andrea, MD, Dana-Farber Cancer Institute; co-leader: James Cleary, MD, PhD, Dana-Farber Cancer Institute. The team has been seeking to evaluate DNA repair inhibitors and improve the use of PARP inhibitors, which interfere with the ability of cancerous cells to increase in number. The team’s preclinical data suggests that combining gemcitabine with inhibitors that target regulatory proteins involved in DNA repair could be an effective therapy in platinum-resistant pancreatic cancer. Based on these laboratory findings, the team is developing three pancreatic cancer clinical trials testing gemcitabine-based combinations: gemcitabine/ATR inhibitor BAY1895344; gemcitabine/CHK1 inhibitor LY2880070; and gemcitabine/WEE1 inhibitor AZD1775. The most promising combinations will be identified for potential validation in larger trials.

Immunotherapy Targeting Mutant KRAS (mKRAS): Leader: Robert H. Vonderheide, MD, DPhil, Abramson Cancer Center at the University of Pennsylvania; co-leaders: Elizabeth M. Jaffee, MD, Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, and Beatriz Carreno, PhD, Abramson Cancer Center at the University of Pennsylvania. The team is developing an immunological approach to target mutations in the molecule KRAS, an underlying cause of most cases of pancreatic cancer. In the first round of funding, the team used innovative strategies in bioinformatics, biochemistry, and cell biology to identify specific mKRAS protein sequences that can be recognized by T cells. They then isolated a series of molecular receptors that enable T cells to home in on cancer cells expressing mKRAS. Based on these findings, the team is conducting two different clinical trials with novel vaccines aimed at triggering mKRAS immune responses in



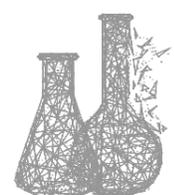
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homing in on a protein called integrin $\alpha\beta6$, a cell surface receptor that can be found in pancreatic cancers. The team has synthesized in the laboratory a pair of related peptide constructs that are tagged with two different radiolabels. One radiolabel facilitates the imaging of pancreatic cancer

lesions in patients that can more likely benefit from the PRRT. The other radiolabel can facilitate the killing of the pancreatic cancer cells. The team has obtained promising results in the laboratory testing of the peptide constructs. In the second round of funding, the team will conduct a phase 1, first-in-human study to evaluate the feasibility, safety and efficacy of the two peptide constructs. The study will determine if one construct can detect lesions in patients with locally advanced or metastatic pancreatic cancer; establish the safety and tolerability of the pair; evaluate the maximum tolerated dose of the second construct; and, using pre-clinical models, establish an optimal dosing regimen.

The Lustgarten Foundation and Stand Up To Cancer have collaborated closely since 2012, jointly funding more than 400 investigators from nearly 70 leading research centers in the United States and the United Kingdom. These efforts include 18 multi-institutional teams, including Convergence Teams bringing together computational experts with clinical oncologists, and cancer interception — research supporting the earliest diagnosis of pancreatic cancer, even before the cancer may have fully formed. All told, these collaborative teams have planned, started, or completed nearly 30 clinical trials. The Pancreatic Cancer Collective is building on this momentum to push the boundaries of what can be accomplished even further.

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MEDIA CONTACTS:

SU2C: Jane Rubinstein, jrubinstein@su2c.org, (646) 386-7969

Lustgarten Foundation: Stephanie Elsea, selsea@lustgarten.org, (516) 737-1557

AACR: Richard L. Lobb, richard.lobb@aacr.org, (215) 446-8298

ABOUT THE PANCREATIC CANCER COLLECTIVE

The Pancreatic Cancer Collective is an initiative of Lustgarten Foundation and Stand Up To Cancer to improve pancreatic cancer patient outcomes. Together, these leading cancer research organizations will attract new collaborators; improve diagnosis of pancreatic cancer using big data; find new treatments for pancreatic cancer; and support the next generation of pancreatic cancer investigators. Engaging thought leaders, researchers, institutions, and companies, the Collective will innovate and accelerate research on the edge of science. For more information, visit PancreaticCancerCollective.org

ABOUT THE LUSTGARTEN FOUNDATION

Lustgarten Foundation is the largest private funder of pancreatic cancer research in the world. Based in Woodbury, N.Y., the Foundation's mission is to cure pancreatic cancer by funding scientific and clinical research related to the diagnosis, treatment, and prevention of pancreatic cancer; providing research information and clinical support services to patients, caregivers and individuals at high risk; and increasing public awareness and hope for those



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Stand Up To Cancer® (SU2C) raises funds to accelerate the pace of research to get new therapies to patients quickly and save lives now. SU2C, a division of the Entertainment Industry Foundation, a 501(c)(3) charitable

organization, was established in 2008 by media and entertainment leaders who utilize these communities' resources to engage the public in supporting a new, collaborative model of cancer research, to increase awareness about cancer prevention, and to highlight progress being made in the fight against the disease. As of December 2019, more than 1,600 scientists representing more than 180 institutions are involved in SU2C-funded research projects.

Under the direction of our Scientific Advisory Committee, led by Nobel laureate Phillip A. Sharp, Ph.D., SU2C operates rigorous competitive review processes to identify the best research proposals to recommend for funding, oversee grants administration, and ensure collaboration across research programs.

Current members of the SU2C Council of Founders and Advisors (CFA) include Katie Couric, Sherry Lansing, Kathleen Lobb, Lisa Paulsen, Rusty Robertson, Sue Schwartz, Pamela Oas Williams, and Ellen Ziffren. The late Laura Ziskin and the late Noreen Fraser are also co-founders. Sung Poblete, Ph.D., R.N., serves as SU2C's CEO. For more information, visit StandUpToCancer.org.

ABOUT THE AMERICAN ASSOCIATION FOR CANCER RESEARCH

Founded in 1907, the American Association for Cancer Research (AACR) is the world's first and largest professional organization dedicated to advancing cancer research and its mission to prevent and cure cancer. AACR membership includes 46,000 laboratory, translational, and clinical researchers; population scientists; other health care professionals; and patient advocates residing in 127 countries. The AACR marshals the full spectrum of expertise of the cancer community to accelerate progress in the prevention, biology, diagnosis, and treatment of cancer by annually convening more than 30 conferences and educational workshops, the largest of which is the AACR Annual Meeting with more than 22,500 attendees. In addition, the AACR publishes nine prestigious, peer-reviewed scientific journals and a magazine for cancer survivors, patients, and their caregivers. The AACR funds meritorious research directly as well as in cooperation with numerous cancer organizations. As the Scientific Partner of Stand Up To Cancer, the AACR provides expert peer review, grants administration, and scientific oversight of team science and individual investigator grants in cancer research that have the potential for near-term patient benefit. The AACR actively communicates with legislators and other policymakers about the value of cancer research and related biomedical science in saving lives from cancer. For more information about the AACR, visit AACR.org.



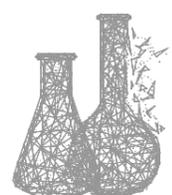
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FOR MORE INFORMATION

[E Information@PancreaticCancerCollective.org](mailto:Information@PancreaticCancerCollective.org)

[E Press@PancreaticCancerCollective.org](mailto:Press@PancreaticCancerCollective.org)

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