# DirectConnect Inside Yale Cancer Center

March 28, 2013

#### Announcements

#### State Awards 7 Members of YCC with Funding

I am pleased to announce that the Connecticut Department of Public Health and Senator Joseph Crisco announced that 7 members of Yale Cancer Center have been awarded 2013 Biomedical Trust Fund recipients. The announcement was made earlier today during a press conference.



I-r: Demetrios Braddock, Qin Yan, David Stern, Michael Nathanson, Senator Joseph Crisco, Lynne Regan, DPH Deputy Commissioner Lisa Davis, and Irina Bezsonova and Kevin Claffey from UCONN.

Demetrios Braddock, MD, PhD, Jack Elias, MD, Mark Mamula, PhD, Michael Nathanson, MD, PhD, Lynne Regan, PhD, David Stern, PhD, and Qin Yan, PhD all received funding to support research projects at Yale School of Medicine. Drs. Mamula, Nathanson, Regan, Stern, and Yan's projects are directly related our Research Program objectives and are listed as follows:

Mark J. Mamula, PhD was awarded \$216,043 to analyze the antibody profile of trastuzumab-treated patients before, during, and after treatment. This work will determine the clinical efficacy of trastuzumab treatment for breast cancer and predict potential cardiotoxicity.

from the desk of Thomas J. Lynch, Jr., MD Director, Yale Cancer Center Physician-in-Chief Smilow Cancer Hospital at Yale-New Haven





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Closer to Free



#### **Links of Interest**

#### CV Library

The CV library is a new resource available to our members, with CVs of post-docs and others looking for positions at Yale. Please browse the listings if you

**Michael Nathanson, MD, PhD** was awarded \$367,401 to support his study into whether and how lipid accumulation alters the mechanisms of Ca2+ release in the nucleus of liver cells that lead to uncontrolled cell proliferation and liver tumor progression.

**Lynne Regan, PhD** was awarded \$284,739 for her project to study the molecular effects of epigenetic histone modifications to determine the energetic and mechanistic consequences of these modifications on disease.

**David F. Stern, PhD** was awarded \$424,466 for his project to identify combinations that are effective on lung cancers driven by specific gene mutations using a tiered single agent and combinatorial two-agent screen of a curated panel of conventional and molecularly targeted anti-cancer agents.

**Qin Yan, PhD** was awarded \$420,488 for his project to dissect the roles of histone demethylase RBP2 in breast cancer metastasis.

#### **Vote to Bring Camp Kesem to Yale**

Please vote to bring Camp Kesem to Yale by supporting to Yale University students' application to LIVESTRONG. Camp Kesem is a summer camp for kids with parents diagnosed with cancer. Voting ends at 5 PM today so vote now. It only takes a few seconds and can make a big difference in our community!

<u>Learn more about their project >></u> Vote Now >>

#### **Yale Cancer Center Members Present at AACR**

I am pleased that Yale Cancer Center and Smilow Cancer Hospital will have good representation at the annual American Association for Cancer Research meeting in Washington, DC April 6-10. Please take time to attend the presentations by your colleagues while at the meeting.

Saturday, April 6 Educational Session 10:15 AM - 12:15 PM

<u>Location:</u> Room 151, Washington Convention Center <u>Presentation Title:</u> New directions in organic synthesis to impact novel therapeutics

Author Block: Andrew J. Phillips

Sunday, April 7 Poster Sessions 1:00 - 5:00 PM

Location: Hall A-C, Poster Section 31

Abstract Number: 730

have openings, and send the CVs you receive to share.

<u>Learn More >></u>

#### In the News

Read recent articles featuring experts from Yale Cancer Center.

Read More >>

#### Subscribe to Yale Cancer Center Answers on iTunes

Yale Cancer Center's weekly radio program on CT Public Radio is ranked number 2 in the world for cancer programs on iTunes. Subscribe to the show. Learn More >>

### Yale Cancer Center Grand Rounds

Video presentations from Yale Cancer Center members are now available online. Learn More >>

DirectConnect Archives
<a href="Learn More">Learn More</a> >>

#### **Events**

#### March 28; 4:00 PM C&M Physiology Seminar Series

SHM B-145
Apoptosis Meets
Metabolism: A Role for the
BCL-2 Family Protein BAD in
Nutrient Sensing
Nika N. Danial, PhD
Learn More >>

#### March 28; 5:00 PM YCC Humanities in Medicine/Howard Spiro Lecture Series

Child Study Center, NIHB, Cohen Auditorium, E-02 Conversations with Caregivers to Future Caregivers Alita Anderson, MD Learn More >> (PDF)

March 31; 6:00 PM

<u>Presentation Title:</u> A prototype device for quality control of cancer specimens

Poster Board Number: 19

Author Block: Jie Li, Catherine Kil, Jia Sun, Michael

Stankewich, Alexander O. Vortmeyer.

Location: Hall A-C, Poster Section 31

Abstract Number: 732

<u>Presentation Title:</u> Iron oxide nanoparticles functionalized with the Clostridium Perfringens Enterotoxin carboxi-terminal fragment peptide: A novel diagnostic and therapeutic approach to specifically target ovarian cancer

Poster Board Number: 21

Author Block: Emiliano Cocco, Ileana Bortolomai, Stefania Bellone, Sara Gasparrini, Diana English, Erik Shapiro, Sergio Pecorelli, Dan-Arin Silasi, Masoud Azodi, Elena Ratner, Thomas Rutherford, Peter Schwartz, Alessandro Santin.

Location: Hall A-C, Poster Section 39

Abstract Number: 933

<u>Presentation Title:</u> Modeling acquired resistance to EGFR-directed therapies in mouse models of lung cancer

Poster Board Number: 1

<u>Author Block:</u> Valentina Pirazzoli, Elisa de Stanchina, Jungfeng Xia, Zhongming Zhao, William Pao, Katerina A. Politi.

#### Sunday, April 7 Career Conversations 1:00 - 2:00 PM

<u>Location:</u> AACRcentral, Hall A-C, Washington Convention Center

<u>Session Title:</u>Career Advice for International Trainees Working in the U.S.

Invited Speaker: Fatma M. Shebl

#### Monday, April 8 Poster Sessions 1:00 PM - 5:00 PM

Location: Hall A-C, Poster Section 18

Abstract Number: 1569

Presentation Title: Next generation cell line models:

conditionally reprogrammed cells

Poster Board Number: 17

<u>Author Block:</u> Seema Agarwal, Joanna Hu, Kelly Stanton, Kurt Schalper, Yuval Kluger, Elizabeth Zarrella, Xuefeng Liu, Richard Schlegel, David L. Rimm

Location: Hall A-C, Poster Section 11

Abstract Number: 1365

Presentation Title: Sun protection practices among melanoma

survivors

Poster Board Number: 12

#### Yale Cancer Center Answers

WNPR

Family Planning after a Diagnosis of Cancer Aileen Gariepy, MD, MPH, FACOG Learn More >>

#### April 2; 12:00 PM Yale Cancer Center Grand Rounds

Park Street Auditorium Phase 1 Trials 3.0 Joseph Paul Eder, MD

What Would You Do? Specialists' Perspectives on Cancer Genetic Testing, Prophylactic Surgery, and Insurance Discrimination: Then and Now Ellen Matloff, MS Learn More >> (PDF)

#### April 3; 11:00 AM YCC Radiobiology and Radiotherapy Research Program

SHM I-304
Contributions of Nuclear
Organization to the
Maintenance of
Genome Integrity
Megan C. King, PhD
Learn More >> (PDF)

#### April 3; 5:00 PM YCC Special Seminar

WWW 208

GI Medical Oncology
Yelena Janjigian, MD
Learn More >>

April 3; 6:30 PM
'Closer To Free' Yale
Cancer Center/Smilow
Cancer Hospital Lecture &
Reception Series

55 Park Street A New Model for Cancer Care

Thomas Lynch, Jr., MD, Daniel DiMaio, MD, PhD, and Chad Ellis, PhD Learn More >> (PDF) <u>Author Block:</u> Jeremy Puthumana, Leah Ferrucci, Susan Mayne, Donald Lannin, Anees Chagpar

Location: Hall A-C, Poster Section 16

Abstract Number: 1513

Presentation Title: MLH1 silencing is caused by hypoxia

through epigenetic regulation. Poster Board Number: 13

Author Block: Yuhong Lu, Narendra Wajapeyee, Mitchell S.

Turker, Peter M. Glazer

Location: Hall A-C, Poster Section 19

Abstract Number: 1587

<u>Presentation Title:</u> Loss of LZAP inactivates p53 in head and neck cancer and regulates sensitivity of cells to DNA damage in the p53-dependent manner

Poster Board Number: 6

Author Block: Dan Liu, Natalia Issaeva, Wendell G. Yarbrough

Location: Hall A-C, Poster Section 12

Abstract Number: 1401

<u>Presentation Title:</u> Overexpression of HER4 isoforms in

transgenic mice reveal isoform-specific role in mammary gland

development and carcinogenesis

Poster Board Number: 18

Author Block: Vikram B. Wali, Maureen Gilmore-Hebert, Klaus

Elenius, David F. Stern

Location: Hall A-C, Poster Section 31

Abstract Number: 1899

<u>Presentation Title:</u> Metabolic vulnerability of breast cancer based on shifts in the expression of metabolic enzyme

isoforms

Poster Board Number: 23

Author Block: Weiwei Shi, Aihua Gong, Tingting Jiang, Rene

Natowicz, Lajos Pusztai

Tuesday, April 9 Poster Sessions 8:00 AM - 12:00 PM

Location: Hall A-C. Poster Section 43

Abstract Number: 3414

<u>Presentation Title:</u> Disruption of CREB-CREBBP association by 2-Naphthol AS-E phosphate induces cell cycle arrest and apoptosis in non-small cell lung cancer cells

Poster Board Number: 9

Author Block: Jong Woo Lee, Hee Sun Park, Seung-Hee Ryu, Patricia Koch, Julie Boyer, Daniel Morgensztern, Roy S.

Herbst, Jaseok Peter Koo

Location: Hall A-C, Poster Section 37

Abstract Number: 3277

Presentation Title: Pifithrin-α and veliparib synergize in the

#### April 5; 12:00 PM YCC Research in Progress Meeting

WWW 208

Mental Health and Malignancy; Examining how pre-existing mental health conditions may effect diagnosis and care Roxanne Wadia, MD

Evolution and impact of subclonal mutations in chronic lymphocytic leukemia Dan-Avi Landau, MD Learn More >> (PDF)

#### April 7; 6:00 PM Yale Cancer Center Answers

WNPR

Viruses and Cancer
Daniel DiMaio, MD and Linda
Niccolai, PhD
Learn More >>

# April 10; 6:30 PM 'Closer To Free' Yale Cancer Center/Smilow Cancer Hospital Lecture & Reception Series

Yale's West Campus
Personalized Medicine
Customizing Cancer
Treatment: How Cancer
Research is Improving
Patient Care
Thomas Lynch, Jr., MD,
Lieping Chen, MD, PhD, and
Rogerio Lilenbaum, MD
Learn More >> (PDF)

#### April 11: 12:00 PM Yale School of Public Health/Biostatistics Presentation

157 IFE Auditorium

Joint Modeling of Response
and Time to Event in Phase
II-III Cancer

Mei-Chiung Shih, PhD

Learn More >>

April 11; 5:00 PM

sensitization of p53 wild-type ovarian cells to cisplatin therapy

Poster Board Number: 11

<u>Author Block:</u> Margaret Whicker, Brian Liang, Z. Ping Lin, Alan Sartorelli, Elena Ratner

Location: Hall A-C, Poster Section 22

Abstract Number: 2878

<u>Presentation Title:</u> Targeting the CXCL5-CXCR2-CREB signaling axis suppresses growth, survival, and invasion of lung adenocarcinoma

Poster Board Number: 20

<u>Author Block:</u> Hee Sun Park, Jong Woo Lee, Pierre Saintigny, Jonathan M. Kurie, Roy S. Herbst, Jaseok Peter Koo

Location: Hall A-C, Poster Section 46

Abstract Number: LB-150

<u>Presentation Title:</u> Carcinogenic Helicobacter pylori infection induces base excision repair intermediates to trigger homologous-dependent repair in human gastric epithelial cells Author Block: Dawit Kidane, Drew L Murphy, Joann B. Sweasy

Tuesday, April 9 Poster Sessions 1:00 PM - 5:00 PM

Location: Hall A-C, Poster Section 36

Abstract Number: 4319

Presentation Title: Lupus antibody-based cancer therapy

Poster Board Number: 2

Author Block: James E. Hansen, Grace Chan, Yanfeng Liu, Denise C. Hegan, Shibani Dalal, Eloise Dray, Youngho Kwon, Yuanyuan Xu, Xiaohua Xu, Elizabeth Peterson-Roth, Erik Geiger, Yilun Liu, Joseph Gera, Joann B. Sweasy, Patrick Sung, Sara Rockwell, Robert N. Nishimura, Richard H. Weisbart, Peter M. Glazer

Location: Hall A-C, Poster Section 38

Abstract Number: 4382

<u>Presentation Title:</u> Genome-Wide Gene Expression analysis and molecular portraits regulated by NASEp, an inhibitor of CREB and CBP interaction, in non-small cell lung cancer Poster Board Number: 5

<u>Author Block:</u> Sin-Aye Park, James Platt, Hee Sun Park, Jong Woo Lee, David F. Stern, Roy S. Herbst, Jaseok Peter Koo

Location: Hall A-C, Poster Section 48

Abstract Number: LB-286

<u>Presentation Title:</u> ME-344 delays tumor kinetics in an ovarian cancer in vivo recurrence model

<u>Author Block:</u> Ayesha B. Alvero, Natalia Sumi, Vinicius Craveiro, Won Duk Joo, Yang Yang-Hartwich, Gil Mor

Location: Hall A-C, Poster Section 17

Abstract Number: 3872

### YCC Humanities in Medicine

The Anlyan Center Auditorium, N-107 Dehumanization in Medicine: Causes and Cures Omar Sultan Haque, MD, MTS

<u>Learn More >> (PDF)</u>

April 12; 12:00 PM YCC Research in Progress Meeting

WWW 208

Diversity and Health Equity in Cancer

Anees Chagpar, MD Learn More >> (PDF)

April 12; 1:00 PM YCC Molecular Virology Research Program

SHM I-116
Role of NS4A
transmembrane domain
oligomerization in hepatitis
C virus eplication and
assembly
Nathan Pirakitikulr
Learn More >> (PDF)

### **Employment Opportunities**

We seek your assistance in the recruitment of qualified Oncology Research Nurses to join the Cancer Center for full time research opportunities. Positions traditionally require a minimum of BSN and 4 years of research nursing experience with a strong preference within oncology. In lieu of research experience, trained oncology nurses with little or no research experience are considered for positions of the same level. Should you know of any potential candidates, please encourage them to go on-line to www.yale.edu/jobs and navigate to the STARS employment website in search of positions 18343BR and 18943BR, upload the resume and apply. They may also contact Sandra Greer for further

<u>Presentation Title:</u> A lineage-selective transcriptional pathway linking lung differentiation and cancer metastasis

Poster Board Number: 13

<u>Author Block:</u> William K.C. Cheung, Minghui Zhao, Zongzhi Liu, Paul D. Cao, Laura E. Stevens, Thomas F. Westbrook, Don X. Nguyen

Location: Hall A-C, Poster Section 20

Abstract Number: 3938

Presentation Title: Role of Chi3l1/YKL-40 in the tumor

progression and metastasis in the lung

Poster Board Number: 5

Author Block: Chun Geun Lee, Bing Ma, Jaseok Peter Koo,

Roy S. Herbst, Jack A. Elias

Location: Hall A-C, Poster Section 42

Abstract Number: 4490

Presentation Title: Triapine sensitizes chemoresistant ovarian

cancer cells to platinum therapy Poster Board Number: 18

Author Block: Elena S. Ratner, Margaret Whicker, Z. Ping Lin,

Alan C. Sartorelli

Location: Hall A-C, Poster Section 32

Abstract Number: 4255

Presentation Title: Imprintome-wide methylation alteration in

human cancer: from occupation to clinic

Poster Board Number: 26

<u>Author Block:</u> Daniel I. Jacobs, Johnni Hansen, Alan Fu, Richard G. Stevens, Anne Tjonneland, Ulla B. Vogel,

Tongzhang Zheng, Yingying Mao, William K. Kelly, Yong Zhu

Tuesday, April 9 Minisymposium 3:00 PM - 5:00 PM

Location: Room 204, Washington Convention Center

Abstract Number: 4580

<u>Presentation Title:</u> Targetome profiling, pathway analysis and genetic association study implicate miR-618 in follicular

lymphomagenesis

Presentation Time: 3:50 PM - 4:05 PM

Author Block: Alan Fu, Aaron E. Hoffman, Ran Liu, Daniel I.

Jacobs, Tongzhang Zheng, Yong Zhu

Tuesday, April 9 Science Policy Session 4:30 PM - 6:30 PM

<u>Location: Room 201, Washington Convention Center</u> <u>Presentation Title:</u> Reducing tobacco-related cancers

incidence and mortality

Presentation Time: 5:40 PM - 6:15 PM

Author Block: Roy S. Herbst. Yale Medical School, New

#### information.

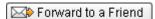
#### Submissions

Please submit your recent publication and grant announcements to:

#### Renee Gaudette

Director, Public Affairs and Marketing

renee.gaudette@yale.edu



#### Haven, CT

Wednesday, April 10 Poster Sessions 8:00 AM - 12:00 PM

Location: Hall A-C, Poster Section 8

Abstract Number: 4809

<u>Presentation Title:</u> Dietary fat intake and risk of pancreatic cancer in the Prostate, Lung, Colorectal and Ovarian (PLCO)

Cancer Screening Trial Poster Board Number: 8

<u>Author Block:</u> Hannah E. Arem, Susan T. Mayne, Joshua Sampson, Harvey Risch, Rachael Z. Stolzenberg-Solomon

Location: Hall A-C, Poster Section 17

Abstract Number: 5009

Presentation Title: Stem cells and their signals during skin

tumor regression

Poster Board Number: 7

Author Block: Giovanni Zito, Ichiko Saotome, Valentina Greco

#### **Closer to Free**



The first of our four Spring Lectures will be held this coming Wednesday, April 3rd at 6:30PM at the Anlyan Center. Thomas Lynch, MD, Daniel DiMaio, MD, PhD, Chad Ellis, PhD and Erin Hofstatter, MD will present an overview of YCC and SCH in A New Model for Cancer Care. The presentation is followed by a reception and light supper. If you would like to attend, or know of individuals who may be interested in attending, please contact Katie Schutt in the YCC Office of Development katie.schutt@yale.edu or 436-8550.

Closer to Free Ride Kicks Off

Please join us as we officially launch the **2013 Closer to Free Ride** at our fabulous kickoff event!



Join us for refreshments and an opportunity to meet the Ride community. Online registration will be available at the party, and if you register as a rider or volunteer at the event you'll get a special gift! All are welcome to attend so spread the word, bring your friends and get excited for this year's Ride!

#### **RSVP** Today.

#### When:

Thursday, April 4 5:00 pm - 7:00 pm

#### Where:

The Study at Yale 1157 Chapel Street

#### **Development Update**

### Annual Ryan's Circle of Giving supports Thoracic Oncology Program

The Annual Ryan C. Gordon Kiddush Cup Golf Outing has been held since 2006 after the death of 19-year old Ryan. Dr. Frank Detterbeck and the Thoracic Oncology Program are one of four beneficiaries and have received a total of \$22,220 over the years from this event. The 2012 outing was held in June at the Traditions Golf Club in Wallingford. Proceeds are administered by the Community Foundation of Middlesex County.

# **Employee Profile: Elizabeth Baird**

The Employee Profile recognizes the diverse contributions made by Yale Cancer Center and Smilow Cancer Hospital staff to meet our patient care, research, education, and outreach goals. The staff profiled are examples of the great work being done here, and the dedication and values we possess. To suggest someone to be profiled, please contact *Emily Fenton*.

In the Gynecologic Oncology Department at Smilow Cancer Hospital, Elizabeth Baird is responsible for all of the billing as Account Assistant for the Department. She prepares and submits reports, and makes sure everything is in order for the physicians, who do their own coding. She also answers patient questions and concerns related to charges and billing matters.

Elizabeth has been in her current position for 15 years. Her main responsibilities include checking and running reports to make sure everything is accounted for and that there are no missing charges. She researches patient accounts if there are discrepancies and helps answer any questions they have. "I find my job to be very rewarding, which is part of the reason I have been here so long. When I tell a patient that a bill they received is taken care of, they are so grateful. They have to deal with a cancer diagnosis and I am here to make everything else easier for them in terms of billing," said Elizabeth. "It makes problems in my life seem so small in comparison."

Elizabeth explains how much teamwork is involved to make things run as smoothly as they do. She commented that her Department is fantastic at working together from the physicians and nurses to the office staff. Renee Luongo, Manager of Gynecologic Oncology, Uro/Gynecology and Family Planning, has worked with Elizabeth since she started 15 years ago and commented that she could not do her job if it weren't for her help. "Elizabeth is the person that does it all and takes care of anything that is asked of her. She takes her position seriously, and learns everything possible in order to make sure everything and everyone is taken care of. It is an honor, privilege and pleasure working with Elizabeth, hopefully for many more years."

#### **Funding Opportunities**

### Yale Cancer Center Translational-Targeted Area of Research Excellence (T-TARE) Awards

These grants will support research with a significant translational potential/clinical component for groups of between three and five investigators headed by a member of the Cancer Center. The major review criteria for this award are translational potential, scientific excellence, and the likelihood that the proposed program will result in submission of multi-investigator grant applications, such as a P01 or P50

application, at the conclusion of the T-TARE funding.

**Award Amounts:** Up to \$200,000 for one year commencing July 1, 2013.

**Purpose:** To provide seed money to members of the Yale Comprehensive Cancer Center to support studies on the same general topic with a significant translational research component by three or more faculty members, to generate preliminary data or evidence of collaboration for a new, multi-investigator grant application to the National Cancer Institute, such as a Program Project grant or SPORE grant.

**Eligibility:** Members of the YCCC or faculty who have applied for membership are eligible to serve as P.I. Each application shall include between three and five projects led by different faculty members. In addition to the P.I. and project leaders, each project should include collaboration with a biostatistician and allocate a portion of the budgeted funds to support this effort.

Application Deadline: April 26, 2013 Learn More and Download Applications >>

#### Do You Know a Compassionate Caregiver?

Nominations are open for the 15th Annual Schwartz Center Compassionate Caregiver Award. This prestigious award recognizes healthcare providers in New England (CT, ME, MA, NH, RI, VT) who display extraordinary compassion in caring for patients. The recipient will receive \$5,000, and four finalists will receive \$1,000 each. Nominations are due May 3, 2013. The Schwartz Center will honor the award recipient and four finalists at its annual Kenneth B. Schwartz Center Compassionate Healthcare Dinner on November 21, 2013, at the Boston Convention Center. For more information, visit www.theschwartzcenter.org or call (617)724-4746.

#### **CQIA Innovation Prize Applications**

Application Requirements: On letterhead stationery with your company's name and logo, please give your application a title followed by a short phrase explaining the innovation. Applications are limited to one typewritten 8x11 inch page, with no less than 10 point font size having half inch margins on all sides. Each application must include the following three sections with section 2 having two parts, a and b.

- **1. Opportunity/Problem:** A description of an organizational problem that was solved or an opportunity that was leveraged by the innovation.
- **2. Innovative Response/Solution:** a) A clear and concise description of the new product, service or process

innovation introduced in the last five years; and b) why you consider it innovative in the marketplace or your industry.

**3. Results:** Using numbers show how this innovation benefited your organization. Examples are increased sales/members/enrollment, added jobs, expenses saved, improved customer satisfaction ratings. Although greatest emphasis is placed on the innovation, no application will be considered without historical numerical results.

All winning applications will be published in the 2012 CQIA Innovation Prize Winning Applications benchmark book.

Application Deadline: Monday, April 30, 2013 Learn More >>

The Leukemia and Lymphoma Society Quest for Cures
The Leukemia & Lymphoma Society (LLS) is proud to
announce The Quest For Cures (QFC), a new series of
Request for Proposals (RFPs) to identify and develop safer,
more effective treatment paradigms for patients with
hematological malignancies. LLS has formed a partnership
with Celgene to create the first of such RFPs that will build the
foundation of this new LLS initiative. This initiative will identify
and fund priority research areas, with support from biotech and
pharmaceutical partners in order to address significant unmet
medical needs. The near-term goal of this program is to
advance the scientific and medical understanding of the

This RFP represents a new LLS research grant paradigm; QFC projects should, if successful, have a measurable impact on the diagnosis or treatment of patients with hematologic malignancies over the next 5 to 10 years. Proposals must include specific timelines, milestones and deliverables that researchers believe are achievable with their proposed funding. The range of funding available is from \$200,000 to \$400,000 annually, for research to be completed in a period of 2 years.

Letters of Intent Due: June 3, 2013 Learn More >>

#### **Recent Publications**

various hematological malignances.

Do healthcare professionals discuss the emotional impact of cancer with patients?

Bonito A, Horowitz N, McCorkle R, Chagpar AB. Psychooncology. 2013 Mar 6. Read More >>

### The Effect of a Community-Based Exercise Intervention on Symptoms and Quality of Life.

Knobf MT, Thompson AS, Fennie K, Erdos D.

Cancer Nurs. 2013 Mar 20.

Read More >>

### HER2 Expression Beyond Breast Cancer: Therapeutic Implications for Gynecologic Malignancies.

English DP, Roque DM, Santin AD.

Mol Diagn Ther. 2013 Mar 26.

Read More >>

#### Practice Patterns and Perceptions of Thoracic Oncology Providers on Tobacco Use and Cessation inCancer Patients.

Warren GW, Marshall JR, Cummings KM, Toll B, Gritz ER, Hutson A, Dibaj S, Herbst R, Dresler C.

J Thorac Oncol. 2013 Mar 22.

Read More >>

## Associations Between Mental Health and Surgical Outcomes Among Women Undergoing Mastectomy for Cancer.

Fox JP, Philip EJ, Gross CP, Desai RA, Killelea B, Desai MM. Breast J. 2013 Mar 21.

Read More >>

### Integrative analysis of multiple cancer genomic datasets under the heterogeneity model.

Liu J. Huang J. Ma S.

Stat Med. 2013 Mar 21.

Read More >>

### A profile of academic training program directors and chairs in radiation oncology.

Wilson LD, Haffty BG, Smith BD.

Int J Radiat Oncol Biol Phys. 2013 Apr 1;85(5):1168-71.

Read More >>

# The relation between age and androgen deprivation therapy use among men in the Medicare population receiving radiation therapy for prostate cancer.

Quon JL, Yu JB, Soulos PR, Gross CP.

J Geriatr Oncol. 2013 Jan 1;4(1):9-18.

Read More >>

#### Molecular mechanisms of T cell co-stimulation and coinhibition.

Chen L, Flies DB.

Nat Rev Immunol. 2013 Mar 1;13(4):227-42.

Read More >>

### Antagonist Antibodies to PD-1 and B7-H1 (PD-L1) in the Treatment of Advanced Human Cancer.

Sznol M, Chen L. Clin Cancer Res. 2013 Mar 1;19(5):1021-34. Read More >>

#### **Multidisciplinary Management of Small Cell Lung Cancer.**

Goldberg SB, Willers H, Heist RS. Surg Oncol Clin N Am. 2013 Apr;22(2):329-43. Read More >>

#### The prognostic impact of age in patients with triplenegative breast cancer.

Liedtke C, Hess KR, Karn T, Rody A, Kiesel L, Hortobagyi GN, Pusztai L, Gonzalez-Angulo AM.
Breast Cancer Res Treat. 2013 Mar 5.
Read More >>