

Mary Crowley Quarterly

July 19, 2013—Vol. 3, Issue 3

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Save The Date:

BIG HOPE 1 New Orleans, Jul. 27, 2013

AEP Golf and Softball Event, Aug. 15-18, 2013

Beat Cancer Event, Aug. 24, 2013

TeamQuest Race For Hope, Sept. 28, 2013

Allison's Hope Event, Sept. 28, 2013

UNDY 5000 Walk/Run, Oct. 26, 2013

MARY CROWLEY HEADLINES AT ASGCT AND ASCO MEETINGS

American Society of Cell and Gene Therapy (ASGCT): Clinical Update of bi-shRNA furin/GMCSF DNA Transfected Tumor Vaccine: ¹FANG™ in Cancer Patients

The survival data for patients on the phase 1 protocol was presented by John Nemunaitis M.D., across multiple tumor types and the survival relationship correlated with the ELISPOT immune response test. The data suggested:

- *Overall clinical benefit is demonstrated using DNA based technology as an Immunotherapy
- *More specifically, the FANG™ vaccine is well tolerated and evidence of benefit is demonstrated in advanced cancers
- *Sponsor company considering breakthrough application processes for FANG™ vaccine in ovarian cancer with FDA

¹FANG™ was developed by Gradalis Inc, and is being clinically tested at Mary Crowley

American Society of Clinical Oncologists (ASCO) : Vaccine Insights from Ongoing Clinical Trials presented by Dr. Julie Brahmer at Johns Hopkins on behalf of John Nemunaitis M.D.

The survival benefit between multiple non-gene and gene based products for stage III/IV Non-Small Cell Lung Cancer was outlined. Among the gene-based vaccines compared were Allogeneic Ad B7.1, GMCSF, Lucanix® and TG4010. As a result of what was learned from those findings, there was evidence of increased beneficial and safe immune modulatory activity to novel targeted immunotherapies for stage III/IV NSCLC. The necessary key elements for an optimal immune attack against cancer were addressed and included:

- 1) Patient Tumor Antigen
- 2) Immune Activation
- 3) Inhibition of Afferent Immune Suppressors

*For both complete presentations, visit our website at:
www.marycrowley.org and click on White Papers, located under Our Research tab*

Updates:

Clinical Trial Selection Process *Unique* to Mary Crowley

Cancer researchers across the country continue to focus their research on tumor-specific dysfunctional genes and rewired protein pathways that fuel cancer growth. This information will ultimately help identify those key molecules necessary for the cancer process and opens the possibility of targeting them with cancer-specific treatments. These "targeted" investigational agents are developing rapidly and are being brought to the clinic. To facilitate choosing the most appropriate agent, Mary Crowley is now providing a NEW selection process on their website for clinical trials; not only identifying clinical trials by disease type but also by *target gene or drug classification*. As Dr. Neil Senzer, Scientific Director of Mary Crowley puts it, "The gateway to successful cancer treatment has a unique molecular lock regardless of organ of origin; each patient should have the best chance of accessing the most effective therapeutic key."

CANCER IN THE US BY NUMBERS

Number of new cancer diagnoses

2005
1.4 Million
2013
1.7 Million

Costs of cancer in 2008

MEDICAL
\$77.4 billion
LOST PRODUCTIVITY
\$124.0 billion

Leading Types of new cancer cases in 2013

PROSTATE	LUNG, BRONCHUS
238,590	228,190
BREAST	COLON
234,580	102,480

TIME

Time Magazine, April 1, 2013 "The Hero Scientist who defeats cancer will likely never exist"

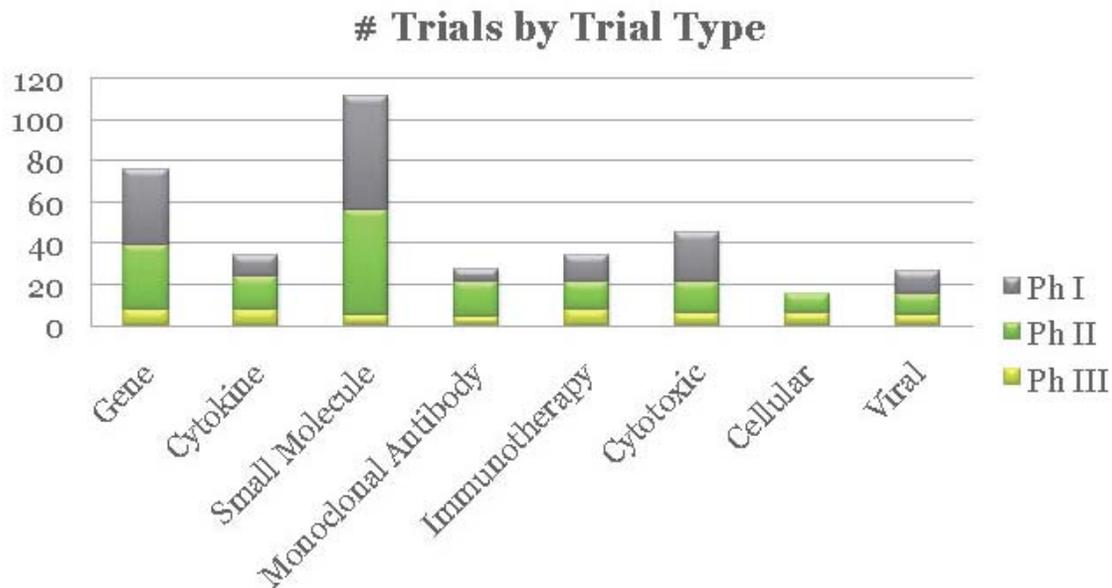
Palm Beach Cancer Institute merges with Florida Cancer Specialists



Mary Crowley's newest clinical trial site, Palm Beach Cancer Institute (PBCI) announced on June 1, 2013, their physicians and staff (PBCI) merged with Florida Cancer Specialists & Research Institute (FCS), the largest independent oncology/hematology practice in the United States. The community-based practice model that FCS has built throughout the state has synergy with PBCI's practice and offers outstanding benefits for patients, such as a fully-integrated EMR system with *SeeYourChart* capabilities and unparalleled access to national clinical trials. PBCI and Florida Cancer Specialists are committed to putting patients at the heart of everything - combining customized, streamlined cancer care with groundbreaking clinical trials, in an environment designed for healing.

Mary Crowley Experienced in Diversified Trials

Since 1992, Mary Crowley has conducted clinical trials across a wide range of drug classifications:



Donors:

T EAMQUEST URBAN RACE FOR HOPE

Looking for a new and unique activity for a beautiful fall day? Come down to the Dallas West End on September 28th and join TEAMQUEST URBAN RACE FOR HOPE. This endurance scavenger hunt takes its cues from CBS' "The Amazing Race", challenging teams of two to locate and solve 12 clues hidden within a 3-5 mile radius, as well as complete checkpoint challenges. The first team back with all of the clues solved wins the competition! Mary Crowley has been the beneficiary of this event for the past two years and we are looking forward to this year's event. We are grateful for our partnership with Team Networking, a business to business networking group, who hosts the event, and has presented over \$13,750 to Mary Crowley for our research program. The race begins at 9:00am on Saturday, September 28, 2013, and you can register online at teamquestrace.com.



COLON CANCER ALLIANCE UNDY 5000

Put on your favorite pair of boxers and join Mary Crowley for this year's Colon Cancer Alliance UNDY 5000 5K Walk/Race on October 26th at Winfrey Point at White Rock Lake in Dallas, Texas. For the last three years, Mary Crowley has been a Community Health Partner with the Colon Cancer Alliance for this Event and is honored to help them further their mission of providing hope and support to colorectal cancer patients and their families. To date, Mary Crowley has received over \$77,000 from the Colon Cancer Alliance toward benevolence funding for colorectal patients experiencing hardship, and to help bring new innovative therapies to waiting patients. We are privileged for this partnership and look forward to another successful event in October.



AEP IS "ON BOARD" WITH MARY CROWLEY

American Electrical Power River Operations will be hosting its 15th Annual Golf and Softball Tournament in St. Louis, Missouri, from August 15-18th, 2013 and has decided to get 'on board' with BIG HOPE 1 and donate a portion of their proceeds to Mary Crowley's cancer research. AEP River Operations is a barge company that offers transportation of dry bulk commodities throughout the inland river system. This includes the movement of grain, project cargo, coal, steel, ores and other bulk products.

ALLISON'S HOPE

The "Allison's Hope" fundraising event will be held in Evansville, Ill. on September 28th, 2013. This is an annual event hosted by Allen and Linda Cassens in honor of their daughter, Allison who lost her battle with colon cancer. The Cassens have donated proceeds from this event to Mary Crowley for 7 years.

For more updates and more information on these events, visit our website: www.marycrowley.org and click on "Events"

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Donate Now!
www.marycrowley.org

Mary Crowley Spotlight



Reva Schneider, MD

Mary Crowley welcomes its newest Clinical Investigator, Dr. Reva Schneider. Beginning in July 2013, Dr. Schneider will be attending to patients enrolled on clinical trials at Mary Crowley. After receiving her Medical Doctorate from Texas A&M University Health Science Center, College of Medicine, she completed a residency and internship in Internal Medicine at Baylor University Medical Center and a Fellowship in Medical Oncology at Baylor Charles A. Sammons Cancer Center. Dr. Schneider is currently employed at Texas Oncology, in the Outpatient Evaluation and Treatment Center and will continue there when she is not seeing patients at Mary Crowley. In her spare time, Dr. Schneider enjoys spending time with her son, hiking, camping, and playing the violin. She has also traveled to the Dominican Republic with Medical Ministry International.

COMING SOON!

What is green, very personal, touchy all over, you never leave home without it, always tells you what you need to know, and never lets you down???

GET THE ANSWER IN THE NEXT MARY CROWLEY QUARTERLY!!