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Affiliate Highlight: Fellow Gains New Perspective on the Impact of Breast Cancer Research

Our Komen Research Grantees are direct beneficiaries of Komen Affiliates' efforts, so why not give back to your local Affiliate? Dr. Thomas Marshall, PhD., a Komen postdoctoral fellow at the University of Utah Huntsman Cancer Institute, wanted to do just that.

Read about Tom Marshall’s work and his volunteer experience with the Salt Lake Affiliate here.

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Grantee Highlight: Creating Novel Imaging Methods to Facilitate Prognosis

Developing methods that integrate micro- and macroscopic imaging data to allow visualization of changes occurring in the angiogenic microenvironment of breast tumors is the focus of Dr. Arvind Pathak Career Catalyst Research award at John Hopkins University. His Komen grant made it possible to develop and validate MRI-based clinical biomarkers of angiogenesis and obtain images of in vivo blood flow using Laser Speckle Imaging. Learn more about this work here.

Fellow Highlight: Alterations in Mitochondrial Enzymes Increase Metastatic Potential

In the March issue of Journal of Clinical Investigation, Komen postdoctoral Fellow Antonio F. Santidrian, Ph.D., characterized the role of mitochondrial Complex I in breast cancer metastasis. Supplemental nicotinamide (vitamin B3) was able to block tumor growth and metastasis induced by aberrant Complex I function by restoring NAD+/NADH balance. Read more about Dr. Santidrian and his findings here.

2014 RFA Announcement Update

Looking for the announcement of Komen Research Programs RFAs? Watch your email in late July for the release.
• **Neb Duric** is the latest individual to be featured as a part of Komen’s ongoing series [Voices of Impact](#). Thanks to Komen’s support, including the Belk EDGE grant, Dr. Duric has developed a new screening method, ultrasound tomography, which has the potential to be a low-cost, superior method to mammography. Read the story behind the scientific discovery [here](#).

• **Science Daily** reported on a new research study, supported by Komen, that provides critical insights into how normal breast cells may be genetically vulnerable to develop into cancer.

• Susan G. Komen Founder and Chair, Global Strategy Nancy G. Brinker was in [Tanzania this month](#), meeting with global leaders to address the region’s devastating breast and cervical cancer burden. North and sub-Saharan Africa have some of the highest rates in breast and cervical cancer cases worldwide. Since the first Tanzania Race for the Cure in 2008, Komen has been working to address the cancer burden in the region, becoming a founding partner of the innovative partnership [Pink Ribbon Red Ribbon](#). Brinker shares the importance of our continued work in a [new blog post](#). The [Wall Street Journal](#), [Palm Beach Daily News](#), [FOX 4](#), [Zambia National Broadcasting Corporation](#) and others highlight the important work.

• According to [Science Codex](#), a study led by Komen Scholar Mien-Chie Hung has demonstrated that in hypoxic areas of tumors, EGFR signaling prevents developing (or immature) microRNAs from growing up to fight cancer, suggesting a new potential treatment target.

• We are delighted to announce that our Board of Directors has named Judith A. Salerno, M.D., M.S., as Susan G. Komen’s new president and CEO. She currently is executive director and chief operating officer of the prestigious Institute of Medicine (IOM) of the National Academy of Sciences. This [Komen blog](#) features a note from Judy.
Komen® has a long-standing relationship with ASCO that reflects a mutual commitment to improving the lives of breast cancer patients and ending breast cancer forever. ASCO’s Annual Meeting brings together over 25,000 oncology professionals from around the world to learn about cutting-edge scientific studies and comprehensive educational content to advance cancer care. At this year’s ASCO Annual Meeting, Komen’s support was clearly demonstrated by the research presented by Komen supported clinician scientists. In addition through its partnership with the Conquer Cancer Foundation, Komen’s support of ASCO was reflected in many different facets.

**Upcoming Conferences**

Susan G. Komen is proud to sponsor these conferences on Metastatic Breast Cancer throughout 2013:

Living Beyond Breast Cancer held their Annual Conference for Women Living with Metastatic Breast Cancer: Enhancing Your Health and Quality of Life in Philadelphia, PA. This conference was held April 13-14, 2013.

The Metastatic Breast Cancer Network will host its seventh Annual Conference at MD Anderson Cancer Center focused on the latest scientific and psychosocial research in Houston, TX, on September 21, 2013.

The European School of Oncology will host its second International Consensus Conference for Advanced Breast Cancer (ABC2) to develop a set of consensus guidelines for the management of advanced breast cancer in Lisbon, Portugal from November 7-9, 2013.

**Komen TV**
Have you seen the June edition of Komen TV? Thousands of breast cancer survivors came out to support Komen and Make Mom Proud at this year’s Susan G. Komen Global Race. Plus, Global Race supporters turn the Canadian Embassy in Washington D.C. pink. Also, hear the story of a woman assisting residents in the nation’s capital and Maryland area to receive the help they so desperately need.