

Cancer Biology Annual Retreat

Kiawah Island Golf Resort, South Carolina

October 25-27, 2015



Agenda

Sunday, October 25

7 pm Dinner

Location

*East Beach Conference Center
– Governor's Hall D/E*

Welcome by Anthony J. Alberg, PhD, MPH
Interim Director, Hollings Cancer Center
Medical University of South Carolina

Keynote by Frank M. Torti, MD, MPH
University of Connecticut School of Medicine
Past President, Cancer Biology Training Consortium

Monday, October 26

7 am 5K Fun Run

East Beach Village parking lot

7:30 – 9 am Continental Buffet Breakfast

EBCC - Vanderhorst

8:30 am CABTRAC Business Meeting

- Governor's Hall C-E

8:30 am Graduate Students & Postdocs Meeting

- Vanderhorst

9 am Welcome by President

- Governor's Hall C-E

9:05 am National Cancer Institute Training Grants Overview

Jonathan S. Wiest, PhD
Director, Cancer Training, National Cancer Institute

10 am Predoctoral Individual National Research Award (F31)

Krystal Nolan
Graduate Student, Medical University of South Carolina

10:15 am Break

10:15 am Poster Room opens

EBCC - Governor's Hall A/B

10:30 am Postdoctoral Individual National Research Award (F32)

Erin Kaltenbrun, PhD
Postdoctoral Fellow, Duke University

10:45 am Pathway to Independence Award (K99/R00)

- Governor's Hall C-E

Vamsi Gangaraju, PhD
Assistant Professor, Biochemistry & Molecular Biology, MUSC

11 am Research Scientist Development Award (K01)

Donita Brady, PhD
Presidential Assistant Professor, Cancer Biology, UPenn

11:15 am Break / Pick up boxed lunch

- Vanderhorst

Monday continued

Location

Concurrent lunch sessions:

11:45 am	Working Lunch: T32 Renewal Overviews Adrienne Cox, PhD Associate Professor, Radiation Oncology, Pharmacology, UNC Micah Luftig, PhD Deputy Director, Center for Virology, Duke University	EBCC - Governor's Hall C-E
11:45 am	Career Options Panel Lunch Jonathan S. Wiest, PhD Director, Center for Cancer Training, National Cancer Institute Robert T. Abraham, PhD Sr. VP and CSO, Oncology Research Unit, Pfizer R&D Mentor, Pfizer Worldwide R&D Postdoctoral Program	- Vanderhorst
1 pm	Free afternoon	
4 pm	CABTRAC Speed Mentoring	- Vanderhorst
5:30 pm	Outdoor Oyster Roast & Cash Bar	Mingo Point (see note)
6 pm	Mingo Point Sunset Buffet Dinner	Mingo Point
7:30 pm	Poster Session & Wine Bar	EBCC - Governor's Hall A/B

Mingo Point is an outdoor venue overlooking the Kiawah River marshes, presenting authentic Lowcountry oyster roast and barbeque. Located at 876 Kiawah Island Pkwy, it is accessible by car or Kiawah's on-island complimentary transportation van. After dinner, request delivery to the East Beach Conference Center to attend the Poster and Wine Bar session. Dial 82900 to order ride to or from Mingo Point.

Tuesday, October 27**Location**

7:30 - 9 am Continental Buffet Breakfast *EBCC - Vanderhorst*

7:30 am Committee Meetings *- Governor's Hall C-E*

9 am Meeting opens, morning announcements
Pfizer Young Investigator Poster Awards *- Governor's Hall C-E*

9:05 am Concurrent Breakout Sessions: *see back page for descriptions*

	Governor's Hall C-E	Yeaman's 1	Yeaman's 2	Rutledge
9:10 am	NCI T32 Workshop		Graduate Student Transition to Post Doc	Post Doc Transition to Faculty
10:10 am	<i>Break to change sessions</i>			
10:20 am	NCI K & F Award Workshop	Integrating Biology and Immunology of Cancer for Physicians & Scientists		
11:20 am	<i>Break to change sessions</i>			
11:30 am	Reviewing T32 Grant Applications Workshop	Data Landscape in the Genomic Era	F Award Q&A	K Award Q&A

12:30 pm Lunch: Pick up boxed lunches *EBCC - Vanderhorst*
lunch on own - various seating areas inside & out

1:30 pm The Trainee Perspective on Training *- Governor's Hall C-E*

2:10 pm Short Presentations

Payal Jain, Children's Hospital of Philadelphia and Perelman SOM, UPenn
MYB-QKI rearrangements in Angiocentric Glioma drive tumorigenicity through a Tripartite Mechanism

Brook S. Nepon-Sixt, H. Lee Moffitt Cancer Center, University of South Florida
The N-Terminus of the Rb Protein Inhibits the CMG Helicase and DNA Polymerase- α to Mediate Tumor Suppressor Functions

Matthew A. Smith, PhD, H. Lee Moffitt Cancer Center
MET:GRB2 complexes define a subset of Lung Cancer with potential vulnerability to MET Inhibition

Carlos E. Stahlhut Espinosa, PhD, Cold Spring Harbor Laboratory
Myc vs. Akt therapy in RapidCap, a GEM model for metastatic prostate cancer

Aminah Wali, Lineberger Comprehensive Cancer Center, University of North Carolina
A High-throughput Screen to Discover Inhibitors of Aberrant Chromatin Accessibility

Yongliang Zhang, PhD, Hollings Cancer Center, Medical University of South Carolina
Improving Adoptive T cell transfer mediated Melanoma Immune Therapy by targeting gp96/grp94 in Regulatory T Cells

3:25 pm Break

3:40 pm Keynote Speaker *EBCC – Governor's Hall C-E*

Robert T. Abraham, PhD
SVP and Group Head, Oncology - Rinat R&D
Pfizer La Jolla and Pfizer Worldwide Research & Development

4:30 pm Committee and Breakout Reports

5 pm Meeting Adjourns – *departures or dinner on own*

Breakout Session Overview *Listed alphabetically*

Data Landscape in the Genomic Era

Facilitated by James Broach, Moray Campbell, and James Manfredi

The challenges of thriving in a post-genomic era manifest themselves at the institutional, departmental and investigator level. Graduate education is also a critical arena where these challenges will need to be met. Currently, it is clear however that there is no single and universal solution to developing genomic literacy in pre- and post-doctoral trainees. Instead, in the short to medium term, practical solutions are needed that build on local expertise and institutional resources. These capacities can then be complemented and extended by the use of non-traditional resources and structures, such as MOOCs and other online resources. Similarly, it will probably be necessary to develop short and intensive “bootcamp-style” learning to even up understanding amongst students and develop new expertise.

This breakout session is designed to share experiences of curricula redesign and the challenges of genomics-based cancer research. Three short vignettes will be presented with the goal of sharing some experience on what works, and what maybe doesn't! We'd very much welcome any similar or complementary experience and thoughts from others attending the session.

F Award Q&A

Facilitated by Erin Kaltenbrun and Krystal Nolan

Question and answer session to further discuss award application process with recipients.

Graduate Student Transition to Post Doc

Facilitated by Donita Brady and Erin Kaltenbrun

Question and answer opportunity for graduate students to discuss the transition to postdoctoral fellow period.

Integrating Biology and Immunology of Cancer for Physicians and Scientists Workshop: Dual Training in Cancer Biology AND Tumor Immunology - The Key to Understanding and Advancing Modern Oncology

Facilitated by Michael Lotze and Channing Der

Understanding cancer biology has been the central basis for developing successful cancer therapeutics but with little insight into how these therapies affect the host. Still, advances in the application of targeted therapeutics including the tyrosine kinase inhibitors (TKIs), the BRAF inhibitors, the rapalogues, the targeted therapeutics to the Bruton's Tyrosine Kinase or to BCR-Abl fusion products have been successful additions to our armamentarium but with only limited insights into how these agents affect the host and the immune response. Interest in cancer immunology has recently exploded. Initial effective cytokine therapies, have recently been joined by breakthrough observations with inhibitory receptor blockade in solid malignancies and Hodgkin's lymphoma, combined with ground breaking advances in the use of chimeric antigen receptor (CAR)-modified T-cell adoptive therapies for hematological malignancies (and now moving into solid tumors) and delivery of tumor infiltrating lymphocytes for patients with melanoma have highlighted the critical need to advance basic and translational research in cancer immunology.

The goal of this workshop is to develop scientist oncology leaders who have an integrated view of how the cancer biology and tumor immunology fields intersect and influence each other. This will accelerate discoveries; enable rational development of preclinical models, and adoption of safe and effective therapy and prevention regimens for patients.

K Award Q&A

Facilitated by Donita Brady and Vamsi Gangaraju

Question and answer session to further discuss award application process with recipients.

NCI F & K Awards Workshop

Facilitated by NCI Training Branch Staff

Review of F and K awards.

NCI T32 Workshop

Facilitated by NCI Training Branch Staff

Review of current state, trends and new policies for T32 grants and programs.

Postdoctoral Fellow Transition to Faculty

Facilitated by Vamsi Gangaraju

Question and answer opportunity to prepare postdoctoral fellows for the transition to faculty period.

Tips from Reviewers: Reviewing T32 Grant Applications Workshop

Facilitated by Adrienne Cox, Channing Der, and Dan Welch

A critical key to a successful T32 application is to understand what the reviewers are looking for. What strengths and weaknesses will catch their attention? How important are those tables, anyway? This session will provide that perspective. CABTRAC members serving as T32 reviewers will present the Top 10 reasons why T32s are not funded, and answer questions regarding process, criteria, and common problems & solutions.