

SCIENTIFIC RETREAT AT THE BEACH 2012

MYRTLE BEACH
SEPTEMBER 7-9, 2012

AGENDA

Friday, September 7

4:00 p.m. Hotel Check in *Front Desk*

4:00 p.m. Retreat Check in

5:00 p.m. **Session One**
Chair: Jeff Sekelsky

Retreat Introductions- Terry Magnuson, PhD
Retreat Announcements- Bob Duronio, PhD

Jeremy Simon
Graduate Student
Ian Davis/Jason Lieb Lab

“Chromatin defects and intron retention associated with loss of H3K36 methylation in human renal carcinomas”

Erin Kaltenbrun
Graduate Student
Frank Conlon Lab

“A proteomics approach to isolating and characterizing the Tbx20 transcriptional complex”

Karen Mohlke, PhD
Faculty Member

“Exome analysis identifies novel loci and low-frequency variants for insulin processing and secretion”

6:15 p.m. Dinner

7:30 p.m. **Session Two**
Chair: Jen Jen Yeh

Crystal Waters
Graduate Student
Dale Ramsden Lab

“Processing of DNA ends during non-homologous end joining: Is it just a free-for-all?”

Josh Mugford
Postdoc
Terry Magnuson Lab

“Identifying long-range genomic interactions mediating escape from X-chromosome inactivation”

Arjun Deb, PhD
Faculty Member

“Rapid osteoclastogenesis and rib fractures: Role of beta catenin”

8:45p.m. Poster Session One – Odd Numbers

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Saturday September 8

8:00 a.m. Continental Breakfast

8:30 a.m. **Session Three**
Chair: Mara Duncan

New Student Introductions- Bob Duronio, PhD

Zhipeng Lu

Graduate Student
Greg Matera Lab

“Identification and analysis of novel mRNAs and ncRNAs associated with canonical Sm proteins in Drosophila”

Jackie Ellis

Graduate Student
Leslie Lange Lab

“Large Multiethnic Candidate Gene Study for C-reactive protein levels: Identification of a Novel Association at CD36 in African Americans”

Kohta Ikegami

Postdoc
Jason Lieb Lab

“Evidence that transcription at the nuclear pore is required for RNA Pol III transcript processing in C. elegans”

Brian Bennett, PhD

Faculty Member

“Nutrigenomics: Understanding how diet influences gene expression and disease susceptibility”

BREAK

Karen Reidy Lane

Graduate Student
Jean Cook Lab

“Quantitative Proteomics Reveal Unexpected Cell Cycle Regulated Processes”

Chuck Harrell

Postdoc
Chuck Perou Lab

“Contributions of Breast Cancer-Endothelial Cell Interactions to Metastatic Progression”

Vicki Bautch, PhD

Faculty Member

“Centrosomes and Blood Vessels: Three is a Crowd”

11:30 a.m. Lunch/Free Time

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Saturday September 8

5:00 p.m.

Session Four
Chair: Jason Whitmire

Sean Bailey
Graduate Student
Billy Kim Lab

“A therapeutic approach to attenuate compensatory survival pathway activation due to mTOR signaling inhibition in renal cell carcinoma”

John Didion
Graduate Student
Fernando Pardo Manuel de Villena Lab

“Genetic analysis of an invasive house mouse population on Southeast Farallon Island”

Jon Juliano, PhD
Faculty Member

“Plasmodium vivax population Structure: Implications for Vaccine Design”

6:15 p.m.

Dinner

7:30 p.m.

Session Five
Chair: Will Valdar

Alpaslan Tasdogan
Graduate Student
University of Ulm, Germany

Will Jeck
Graduate Student
Ned Sharpless Lab

“Circular RNAs are Abundant, Conserved and Associated with ALU Repeats”

Aravind Asokan, PhD
Faculty Member

“New Viral Tools for the Molecular Genetics Toolbox”

8:45 p.m.

Poster Session Two – Even Numbers

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Sunday September 9

8:30 a.m. Breakfast
Check out of Hotel

9:00 a.m. **Session Six**
Chair: Lisa Tarantino

Matt Simon
Graduate Student
Shawn Ahmed Lab

"DAF-16/FOXO Represses Transgenerational Aging in C. elegans Piwi Mutants"

Robbie McNeill
Graduate Student
Ryan Miller Lab

"Dissecting the mechanisms of temozolomide resistance in glioblastoma: The role of the DNA repair enzyme methylguanine methyltransferase (MGMT)"

Alan Lenarcic
Postdoc
Will Valdar Lab

"Bayesian Statistical Analysis of X-inactivation Skew"

Kevin Slep, PhD
Faculty Member

"Regulating Microtubules With Arrayed TOG Domains"

11:00 a.m. Awards and Closing Remarks