



AURIC Annual Meeting Schedule **Marriott Grand National Resort, Opelika, Alabama**

Friday, August 26

8:30-9:00 arrive, poster set-up

9:00 meeting opens – Bruce Smith, Director of AURIC

9:15 Yonghyun (John) Kim, Ph.D.

More of the Right Cells for Better Translational Medicine: High Yield In Vitro Expansion of Cancer Stem Cells / Tumor Initiating Cells

9:35 Ana M. Dmytrejchuk

Conformationally Restricted Macrocyclic Nucleosides for RNA-Based Therapeutic Applications

9:55 R. Curtis Bird¹, Farruk M. Lutful Kabir^{1,4}, Patricia DeInnocentes¹, Payal Agarwal², Christopher P. Mill³, and David J. Riese II³

Estrogen Receptor- α , Progesterone Receptor and *c-erbB*/HER-Family Receptor mRNA Detection and Phenotype Analysis in Spontaneous Canine Models of Breast Cancer

10:15 – morning break, networking and poster set-up

11:00 Shreyas Rao

Implantable micro-porous scaffolds for capture and early detection of metastatic cancer cells

11:20 - Resource Presentation – Dr. Tom Denney, AU MRI Research Facility

11:40 Satyanarayana Pondugula

Pregnane X Receptor and Chemoresistance

12-1:30 – lunch, networking, poster set-up

1:30 **Kodye Abbott**, Chloe Chaudhury, Satyanarayana Pondugula

Belinostat, A Clinically-Used Histone Deacetylase Inhibitor, Inhibits Pregnane X Receptor-Mediated Gene Expression

1:50 – Resource Presentation – Dr. Curt Bird, AU Flow Cytometry Facility

2:10 Nancy Merner
A comparative genomics approach to breast cancer susceptibility gene discovery.

2:30 – afternoon break

3:00 - John Waterbor - UAB CARES Program

3:20 – Resource Presentation – Dr. Pete Panizzi, Auburn Laboratory for Imaging Animal Systems

3:40 Bruce F. Smith
Results of a clinical trial of conditionally Replicative Adenovirus therapy in dogs with osteosarcoma.

4:00 Jey Koehler
HypoxamiR Profiling of Canine Glioma Cell Lines

4:30 – Poster session, networking and cash bar

6:00 - dinner

Saturday August 27

9:00 Vishnu Suppiramaniam
Elucidating the Molecular Mechanisms of Chemobrain: Identification of Targets and Therapies

9:20 – Resource Presentation - Dr. Michael Greene, Auburn University Metabolic Profiling Laboratory

9:40 – morning break

10-11:30 Keynote address, Dr. Amy Leblanc, National Institutes of Health

11:30 - 1 lunch

1:00 Michael Green
Building a superior model to investigate obesity-linked colon cancer

1:30 Breakout groups
 Funding opportunities
 Bruce Smith – AURIC funding
 Vishnu Suppiramaniam – NIH F series funding (Fellowships!)

 Translating discoveries from the lab to the clinic
 Annette Smith

2:15 afternoon break

2:30 Breakout groups continue