

**UAMS – UA Fayetteville Collaborative Cancer Research Retreat**  
**Hosted by the Winthrop P. Rockefeller Cancer Institute**  
**“Building Statewide Collaborations Toward NCI Designation”**  
**October 30, 2020**  
**Virtual Meeting**

Achieving NCI-designation for the Winthrop P. Rockefeller Cancer Institute is a top priority for Arkansas. A key component for designation is building statewide collaborations for cancer research that will positively impact cancer care for all Arkansans. Building on recent UAMS/UAF collaborative efforts, this research retreat will provide a venue for investigators across Arkansas to discuss cancer research, build new collaborations, and learn about available shared resources.

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8:00 – 8:15 am	<b>Opening Remarks</b> Michael Birrer, MD/PhD <i>Director, Winthrop P. Rockefeller Cancer Institute</i>
8:15 – 8:30 am	<b>Meeting Overview</b> Alan Tackett, PhD <i>Associate Director for Basic Research - WPRCI</i>
8:30 – 8:40 am	<b>NCI Designation</b> Dorothy Graves, PhD <i>Associate Director for Administration - WPRCI</i>
8:40 – 8:50 am	<b>UA Institute for Integrative and Innovative Research (I3R)</b> Wesley Stites, PhD <i>Associate Vice Chancellor for Research - UAF</i>
8:50 – 9:00 am	<b>Collaborative Opportunities</b> Shuk-Mei Ho, PhD <i>Vice Chancellor for Research - UAMS</i>
9:00 – 9:50 am	<b>Cancer Biology Program</b> <i>Session Chair: Steve Post, PhD, Program Leader, WPRCI</i> Program Overview: Steve Post, PhD (10 mins) UAF Presenter: Young Hye Song, PhD (20 mins) UAMS Presenter: Frank Zhan, MD/PhD (20 mins)
9:50 – 11:40 am	<b>Cancer Prevention and Population Sciences Program</b> <i>Session Chairs: Joseph Su, PhD, Mayumi Nakagawa, MD/PhD, Program Leaders, WPRCI</i> Program Overview: Mayumi Nakagawa, MD/PhD (10 mins) UAF Presenter: Brian Primack, MD/PhD (20 mins) UAMS Presenter: Joseph Su, PhD (20 mins)
11:40 – 12:10 pm	<b>Lunch and Virtual Poster Session 1</b> Room 1: Cancer Proteomics and Bioinformatics (15 mins) IDeA National Resource for Quantitative Proteomics, Samuel Mackintosh, PhD & Rick Edmondson, PhD, UAMS (15 mins) UAMS Bioinformatics Core, Stephanie Byrum, PhD, UAMS Room 2: Cancer Genomics (15 mins) UAMS Genomics Core, Donald Johann, MD (15 mins) Analiz Rodriguez, MD, PhD, Comparative transcriptomics to identify targeted therapy candidates in high grade glioma, UAMS, Assistant Professor Room 3: Drug response and cancer progression – Part 1 (15 mins) Ya-Wei Qiang, PhD, Mutant RAS regulated stress granules mediated drug resistance in multiple myeloma, UAMS, Assistant Professor (15 mins) Leonard Harris, PhD, Computational Modeling of Cancer Heterogeneity: Stochasticity, Complexity, and Multiscale Dynamics in Disease Progression and Drug Response, UAF, Assistant Professor Room 4: Nuclear Signaling and Regulation (15 mins) Yuchun Du, PhD, UAF, Associate Professor

(15 mins) Andrea Moerman-Herzog, PhD, Abnormal DNA methylation gradients in mycosis fungoides and Sézary syndrome, UAMS, Postdoc

12:10 – 1:00 pm

**Developmental Therapeutics Program**

*Session Chair:* Hong-yu Li, PhD, Program Leader

Program Overview: Hong-yu Li, PhD (10 mins)

UAF Presenter: Hudson Beyzavi, PhD (20 mins)

UAMS Presenter: Donald Johann, MD (20 mins)

1:00 – 1:30 pm

**Virtual Poster Session 2**

Room 5: Animal Research Cores

(15 mins) UAF In vivo Metabolic Imaging Resource, Kyle Quinn, PhD

(15 mins) UAMS Experimental Radiation Core, Marjan Boerma, PhD

Room 6: Tissue Analysis

(15 mins) UAMS Experimental Pathology Core & Tissue Biorepository, Steve Post, PhD

(15 mins) Magda O. E.-Shenawee, PhD, UAF, Professor

Room 7: Cancer Metabolism

(15 mins) Can Li, Altered iron metabolism is a new targetable hallmark for multiple myeloma, UAMS, Graduate Assistant

(15 mins) Reza Hakkak, PhD, Effects of soy protein diet on plasma isoflavones levels in obese DMBA-induced mammary tumor rat model, UAMS, Professor

Room 8: Drug response and cancer progression – Part 2

(15 mins) Dongzheng Gai, CST6 is a small autocrine molecule that targets myeloma growth and bone destruction, UAMS, Graduate Assistant

(15 mins) Alicja Urbaniak, PhD, Activity of single and double-modified salinomycin analogs against primary acute lymphoblastic leukemia and breast cancer cells – in vitro and ex vivo study, UAMS, Instructor

1:30 – 2:20 pm

**DNA Damage and Host Response Program**

*Session Chair:* Marjan Boerma, PhD, Program Leader - WPRCI

Program Overview: Marjan Boerma, PhD (10 mins)

UAF Presenter: Narasimhan Rajaram, PhD (20 mins)

UAMS Presenter: Justin Leung, PhD (20 mins)

2:20 – 3:00 pm

**Community Outreach and Engagement Efforts Across Arkansas**

*Session Chair:* Michael Birrer, MD/PhD, Director, Winthrop P. Rockefeller Cancer Institute

UAF/UAMS Presenter: Pearl Mcelfish, PhD (20 mins)

UAMS Presenter: Laura James, MD (20 mins)

3:00 – 3:40 pm

**Junior Faculty Spotlight: Emerging Opportunities in Breast Cancer Research**

*Session Chair:* Alan Tackett, PhD, Associate Director for Basic Research - WPRCI

UAF Presenter: Tameka Bailey, PhD, UAF (20 mins)

UAMS Presenter: Pearman Parker, PhD, MPH, RN, UAMS (20 mins)

3:40 – 4:00 pm

**Open Discussion and Closing Remarks**