

NanoBio Summit 2017
November 9-10, 2017
Wind Creek Casino and Hotel

Thursday, November 9, 2017		
7:30 AM– Noon	Registered Guest Check-in	
7:30 AM– 8:45 AM	Breakfast Poster and Exhibitor setup	
9:00 AM– 9:30 AM	<p>Introduction Dr. Ajay Singh, Chair, Organizing Committee</p> <p>Welcome remarks Ms. Lynne Chronister, VP Research & Economic Development, University of South Alabama Dr. Arthur Frankel, Interim Associate Director for Basic & Translational Research; Chief, Medical Oncology, University of South Alabama Mitchell Cancer Institute</p> <p>Location: Coosawada Ballroom (A&B)</p>	
9:30 AM– 10:30 AM	<p>Plenary talk – I</p> <p>Dr. Lily Yang Professor of Surgery and Radiology Nancy Panoz Chair of Surgery in Cancer Research; Director, Surgical Oncology Nanomedicine Research Lab, Emory University</p> <p><i>“Image-guided and targeted cancer therapy using theragnostic nanoparticles”</i></p> <p>Session Chair: Dr. Robert Rusty Arnold</p> <p>Location: Coosawada Ballroom (A&B)</p>	
10:30 AM– 10:45 AM	Refreshment Break and Exhibits	
10:45 AM– 12:00 PM	Concurrent Sessions	
	<p>Scientific Session – I Location: Coosawada Ballroom (A&B) Moderator – Dr. Aishwarya Prakash</p>	<p>Scientific Session – II Location: Taskigi/Atasi Moderator – Dr. Silas J. Leavesley</p>
	<p>10:45 AM–11:30 AM Dr. Mahesh V Hosur Head and Professor Materials Science and Engineering Tuskegee University <i>“Bio- and Nano-phased Fiber Reinforced Composites for Structural Use”</i></p>	<p>10:45 AM–11:30 AM Dr. Derrick Dean Professor Biomedical Engineering and Research College of Science, Mathematics and Technology Alabama State University <i>“Polymeric Tissue Scaffolds and Biomaterials: Issues and Opportunities”</i></p>
	<p>11:30 AM–12:00 PM Dr. Dhananjay Tambe Assistant Professor Mechanical Engineering University of South Alabama <i>“Bioenergetics of the self-organizing forces across endothelial cells”</i></p>	<p>11:30 AM–12:00 PM Dr. Allan David John W. Brown Assistant Professor Auburn University <i>“Smart nanomaterials for targeted drug delivery”</i></p>

<p>12:00 PM– 1:45 PM</p>	<p style="text-align: center;">Lunch Break and Exhibits & Plenary talk – II</p> <p style="text-align: center;">Dr. Jamboor K. Vishwanatha Regents Professor and Vice President Director, Texas Center for Health Disparities University of North Texas Health Science Center</p> <p style="text-align: center;"><i>“Bone-targeted Nano Devices for Prostate Cancer Therapy”</i></p> <p style="text-align: center;">Session Chair: Dr. Aamir Ahmad Location: Coosawada Ballroom (A&B)</p>	
<p>1:45 PM– 3:00 PM</p>	<p style="text-align: center;">Concurrent Sessions</p>	
	<p style="text-align: center;">Scientific Session – III Location: Coosawada Ballroom (A&B) Moderator – Dr. Dhananjay Tambe</p>	<p style="text-align: center;">Scientific Session – IV Location: Taskigi/Atasi Moderator –Dr. Eugene Cioffi</p>
	<p style="text-align: center;">1:45 PM - 2:30 PM Dr. Robert Rusty Arnold Associate Professor Drug Discovery and Development Auburn University <i>“The role of secretory phospholipase A2 and PLA2 receptor expression in modulating the delivery and anticancer activity of lipid-nanomedicines in a xenograft model of human prostate cancer”</i></p>	<p style="text-align: center;">1:45 PM - 2:30 PM Dr. Shreekumar R. Pillai Professor of Biology Center for NanoBiotechnology Research Alabama State University <i>“Testing novel antimicrobials using 3D printed scaffolds”</i></p>
<p style="text-align: center;">2:30 PM - 3:00 PM Dr. Shaik Zainuddin Assistant Professor Materials Science and Engineering Tuskegee University <i>“Economical Processing and Property Optimization of High Temperature Polymer and Fiber Nanocomposites”</i></p>	<p style="text-align: center;">2:30 PM - 3:00 PM Dr. Nikhil Tyagi Research Associate, University of South Alabama Mitchell cancer Institute <i>“Silver shield against UVB induced skin carcinogenesis”</i></p>	
<p>3:00 PM– 3:30 PM</p>	<p style="text-align: center;">Refreshment Break, Exhibits and Poster Setup</p>	
<p>3:30 PM– 5:30 PM</p>	<p style="text-align: center;">Poster Presentation and Exhibits Location: Hallway</p>	
<p>6:00 PM– 9:00 PM</p>	<p style="text-align: center;"><u>Banquet, Plenary Talk and Award Ceremony</u> Location: Coosawada Ballroom (A&B) Plenary talk – III</p> <p style="text-align: center;">Dr. Kunal Kate J.B. Speed School of Engineering University of Louisville</p> <p style="text-align: center;"><i>“Material Process Design for Additive Manufacturing in Medical Applications”</i></p> <p style="text-align: center;">Session Chair: Shreekumar R. Pillai</p> <p style="text-align: center;">Presentation of Awards</p>	

Friday, November 10, 2017

7:30AM– 9:00AM	Registration Breakfast
9:00 AM– 10:00 AM	<p align="center">Plenary talk – IV</p> <p align="center">Dr. Rakesh K. Singh Professor Vice Chair, Graduate Education Director, Department of Pathology and Microbiology Graduate Program University of Nebraska Medical Center</p> <p align="center"><i>“Nano-based approaches for targeting of host-tumor Interaction: novel strategies for cancer therapy”</i></p> <p align="center">Session Chair: Dr. Seema Singh</p> <p align="center">Location: Coosawada Ballroom (A&B)</p>
10:00 AM– 10:15 AM	Refreshment Break & Exhibits
10:15 AM– 12:00 PM	<p align="center">Scientific Session – V Location: Coosawada Ballroom (A&B) Moderator – Dr. Sanjeev Srivastava</p> <p align="center">10:15 AM–11:00 AM Dr. Silas J. Leavesley Professor Chemical and Biomolecular Engineering, University of South Alabama <i>“Molecular imaging of cells and tissues using spectral imaging approaches”</i></p> <p align="center">11:00 AM–11:30 AM Mr. Steve McClellan Manager, Flow Cytometry and Imaging Core Laboratories University of South Alabama Mitchell Cancer Institute <i>“Characterization of surface markers expressed on exosomes derived from tumor cells in varying culture conditions”</i></p> <p align="center">11:30 AM–12:00 PM Dr. Ryan Littlefield Assistant Professor Department of Biology University of South Alabama <i>“Molecular engineering of myofibrils in vivo”</i></p>
12:00 PM– 1:30 PM	<p align="center">Lunch</p> <p align="center">Special talk on ‘Research Innovation and Entrepreneurship’</p> <p align="center">Dr. Michael Chambers Assistant Vice-President for Research Innovation University of South Alabama</p> <p align="center"><i>“Innovation: Past, Present and Future”</i></p> <p align="center">Session Chair: Dr. David J Hinton</p> <p align="center">Concluding Remarks</p> <p align="center">Location: Coosawada Ballroom (A&B)</p>