

FASEB Rigor and Reproducibility I: Promoting Credible Science and Interdisciplinary Collaborations
Sheraton Myrtle Beach Convention Center Hotel – South Carolina
April 26-27, 2018 • Program-at-a-Glance • #FASEBCredibleScience

Thursday, April 26, 2018

8:30A – 9:00A	Registration/Check-in		Meeting Room 206-208
9:00A – 9:15A	Welcome, Workshop Objectives, Introductions	E. Rosa-Molinar, Ph.D. <i>(The Univ. of Kansas)</i>	Meeting Room 206-208
9:15A – 9:45A	Introduction to antibiotic resistance	M. Rivera, Ph.D. <i>(Louisiana State Univ.)</i>	Meeting Room 206-208
9:45A – 10:00A	Bio-Break		
10:00A-11:30A	Genomics 101	D. Vigerust, Ph.D. <i>(MyGenetx Clinical Laboratory)</i>	Meeting Room 206-208
11:30A – 1:30P	Lunch “On Your Own”		Myrtle Beach, SC
1:30P – 3:00P	Bacterial genetics 101	J. Chandler, Ph.D. <i>(The Univ. of Kansas)</i>	Meeting Room 206-208
3:00P – 3:15P	Bio-Break		
3:15P – 4:45P	Protein crystallography: moving from gene to structure	S. W. Lovell, Ph.D. <i>(The Univ. of Kansas)</i>	Meeting Room 206-208
4:45P	Dinner “On Your Own”		Myrtle Beach, SC

Friday, April 27, 2018

6:00A – 8:00A	Breakfast “On Your Own”		Myrtle Beach, SC
8:00A – 9:30A	Metabolo...what? Omics 101	T. D. Williams, Ph.D. <i>(The Univ. of Kansas)</i>	Meeting Room 206-208
9:30A – 10:00A	Bio-Break		
10:00A – 11:30A	Visualizing the Omics	A. Soldano, Ph.D. <i>(Louisiana State Univ.)</i> , N. Martinez-Rivera, Ph.D., and E. Rosa-Molinar, Ph.D. <i>(The Univ. of Kansas)</i>	Meeting Room 206-208
11:30A – 1:30P	Lunch “On Your Own”		Myrtle Beach, SC
1:30P – 2:30P	Case study: collaborative approach to validate a new target for antibiotic discovery	M. Rivera, Ph.D. <i>(Louisiana State Univ.)</i>	Meeting Room 206-208
2:30P – 3:00P	Bio-Break		Meeting Room 206-208
3:00P – 5:00P	Next Steps Leading Up to the Course at KU	Group Discussion	Meeting Room 206-208
5:00P – 7:00P	Dinner “On Your Own”		Myrtle Beach, SC
7:00P	Workshop Ends		Myrtle Beach, SC

INSTRUCTORS

Josephine (Josie) Chandler, Ph.D., The University of Kansas (Bacterial Genetics)

Scott W. Lovell, Ph.D., The University of Kansas, (Protein Structure/X-ray Crystallography)

Noraida Martinez-Rivera, Ph.D., The University of Kansas (Imaging)

Mario Rivera, Ph.D., Louisiana State University (after 01/2018; Multi-Drug-Resistant Bacterial Strains)

Eduardo Rosa-Molinar, Ph.D., The University of Kansas (Imaging) *

Annabel Soldano, Ph.D., Louisiana State University (after 01/2018; Imaging)

David Vigerust, Ph.D., MyGenetx Clinical Laboratory, (Genomics, High-Throughput Sequencing/Bioinformatics)

Todd D. Williams, Ph.D., The University of Kansas, (Metabolomics)

* Organizer/Course Director