

VCU Bioinformatics/Bioengineering Summer Institute

Closing Symposium

Tuesday, August 10, 2010, Life Sciences (north wing) Room 255

Presenter	Time	Title
	9:00	*** BREAKFAST-type food ***
Greg Buck	9:15	Reflections on the BBSI
Ritchie Vergara	9:30	Noncoding RNA and control over a key regulator of heterocyst differentiation in the cyanobacterium <i>Anabaena</i> PCC 7120
Russell Green	9:48	The search for sRNA in <i>Porphyromonas gingivalis</i>
Patrick Barranger	10:06	Application of hydrogels in electrospun arterial scaffolds
Richard Roberts	10:10	Cellular automata modeling of feed-forward motif performance
	10:30	*** BREAK ***
Megan Silbaugh	10:50	Investigation into the mechanism and possible requirements of release of KsgA from rRNA
Jonathan Levin	11:08	Analysis of the effects of synthetic UP elements on constitutive promoter strength
Kelcey Anderson	11:26	Predicting efflux of antibiotics by AcrAB-TolC pumps
Meredith Hickson	11:44	The role of SaPI1 genes 6 and 7 in <i>S. aureus</i> phage 80alpha capsid size determination
(All participants invited)	12:05	*** LUNCH / ROUNDTABLE DISCUSSION ***
Jen Fettweis and Tim Kegelmann	12:15	Rountable discussion: Differences between PhD and MD/PhD programs
Kelly O'Briant	1:00	An application of neural network data mining and self organizing feature maps to traumatic shock outcome prediction
Annie Lee	1:18	Characterization of the Zebrafish <i>nolc11</i> mutant as a potential model for Treacher Collin Syndrome
Stacey Houston	1:36	Creating, exploring, and enhancing a new method to monitor pulse
James Ortego	1:54	Translational selection via codon bias modulation in mycobacteriophage
	2:12	Closing Remarks
	2:25	*** INSTITUTE CLOSES ***

