Morning Session

9:30 - 9:45 Opening Remarks (Michael Purugganan, Dean for Science)

9:45 - 10:15 Bernhard Palsson (UCSD) “Systems biology of metabolism has led to quantitative genotype-phenotype relationships”

10:15 - 10:45 Laura Landweber (Princeton) “Complex RNA-mediated epigenetics in Oxytricha”

11:15 - 11:45 Jane Carlton (NYU Biology) “Trichomonas vaginalis: epidemiology, population genetics, and the making of a model organism”

11:45 - 12:30 Jim Collins (Boston U) KEYNOTE: “Radical approaches to microbial threats”

Synthetic Biology & Microbial Ecology

Afternoon Session

2:00 - 2:30 Jeff Gore (MIT) “Anticipating sudden transitions in biological populations: Cooperation, cheating, and collapse”

2:30 - 3:00 Joao Xavier (MSKCC) “Parallel molecular evolution in experimental colonies of swarming bacteria”

3:00 - 3:30 Martin Ackermann (ETH Zurich) “Beyond nature and nurture: Collective functionality through bacterial individuality”

3:30 - 4:30 Jef Boeke (Johns Hopkins) “Synthesizing and scrambling the yeast genome, Sc 2.0”

4:30 - 5:15 Pam Silver (Harvard) KEYNOTE: “Designing biological systems for health and livability”

June 7th, 2013
9:30am - 6:00pm
12 Waverly Place Auditorium

Pre-Register at: www.nyu.edu/as/biology/cgsb.symposium