'Mutation Rate Evolution' workshop
Arizona State University

Tuesday, March 27, 2018

9:00–10:00am	*Breakfast*
10:00am	S. Pfeifer (Arizona State University)
11:00am	P. Keightley (University of Edinburgh)
12:00pm	K. Harris (University of Washington)
1:00-2:00pm	*Lunch*
2:00pm	Z. Gao (Stanford University) *"Evidence for a substantial contribution of damage-induced mutations in human germline mutations"*
2:20pm	S. Besenbacher (Aarhus University) *"New estimates of the mutation rate in great apes points to a recent slow down in human"*
2:40pm	B. Dumont (The Jackson Laboratory) *"Variation and genetic control of the mutation rate spectrum in laboratory mice"*
3:00-3:15pm	*Coffee break*
3:15pm	B. Mannakee (University of Arizona) *"Using mutational signatures as prior information to improve tumor variant calling at high depth and low frequency"*
3:35pm	R. Cartwright (Arizona State University) *"Measuring somatic mutations across eukaryota"*
4:00pm	*Social time*

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Wednesday, March 28, 2018

9:00–10:00am	*Breakfast*
10:00am	M. Lynch (Arizona State University)
11:00am	A. Selmecki (Creighton University Medical School)
12:00pm	O. Hallatschek (UC Berkeley)
1:00-2:00pm	*Lunch*
2:00pm	Y. Raynes (Brown University) "*Sign of selection on mutation rate modifiers depends on population size"*
2:20pm	N. Sharp (University of British Columbia) *"The genome-wide rate and spectrum of spontaneous mutations differs between haploid and diploid yeast"*
2:40pm	B. Galeota-Sprung (University of Pennsylvania) *"Recombination impedes the spread of mutator alleles in experimental populations of e.coli"*
3:00-3:15pm	*Coffee break*
3:15pm	K. Peck (University of Michigan) *"High-throughput mapping of poliovirus replication fidelity variants"*
3:35pm	C. Baer (University of Florida) *"Does the mutational process depend on the underlying mutation load?"*
4:00pm	*Social time*