

# Sept 12 GMGI Science Forum

## Final Agenda and Schedule

Time	Speaker/Activity	Organization	Title
8:00	Doors Open		Coffee and pastries
8:45	David Walt, Marc Vidal, Greg Verdine	GMGI Founders	Welcome
9:00	Cindy Lawley	Illumina Inc.	Overview of Genomic Trends in Marine Science.
9:30	Bryan Barney	Stanford University	Whole genome resequencing reveals the potential for spatio-temporal population structure in Atlantic cod ( <i>Gadus morhua</i> ) in the Gulf of Maine.
10:00	Nina Overgaard Therkildsen	Stanford University	Genomic analysis reveals new insights on cod population structure around Greenland.
10:30	BREAK		
11:00	Job Dekker	U. Mass Medical	New approaches to genome assembly through mapping 3D chromosome folding.
11:30	David Walt	Dovetail-Genomics/GMGI	Tackling complex genomes with in vitro proximity ligation from Dovetail.
12:00	LUNCH	Willow Rest	
1:00	Fraser Clark	U. Prince Edward Island	Examining American Lobster Host-Pathogen-Environment Interactions Using Transcriptomic Approaches.
1:30	Andrea Bodnar	Bermuda Institute of Ocean Science	Sea urchins as models for aging, tissue regeneration and resistance to cancer.
2:00	Ziping Zhang	SUNY Cobskill	Identification of key genes in embryogenesis of sea lamprey.
2:30	BREAK		
3:00	Colleen Cavanaugh	Harvard University	From the deep-sea to Gloucester: Novel microbiome diversity in marine symbioses.
3:30	Bryan Barney	Stanford University	Spatial balancing selection on thermal tolerance in a high-dispersal species: genetic variation in the mussel <i>Mytilus californianus</i> at microgeographic scales.
4:00	BREAK		
4:30	Susan Windham-Bannister		Massachusetts as a Partner in Biosciences Innovation
5:00	DINNER	Willow Rest	

