



BIOSCIENCES STRATEGIC PLAN PROGRESS RETREAT

Berkeley Marina DoubleTree Hotel

August 11, 2016

The purpose of this retreat is to track progress towards the 2018 five-year milestones and 2023 ten-year metrics as outlined in the Biosciences Strategic Plan.

Time	Item	Speaker
7:30 – 8:30	Breakfast	
8:30 – 9:15	Welcome, Overview, and Introductory Remarks	
8:30 – 8:50	Welcome and Overview	Jay Keasling
8:50 – 9:15	The BSP: How we got to where we are/where we're going	Mary Maxon
9:15 – 10:25	Energy	
9:15 – 9:25	Overview	Aindrila Mukhopadhyay
9:25 – 9:40	Lignocellulosic Biofuels	Henrik Scheller
9:40 – 9:55	Alternative Biofuels	Steve Singer
9:55 – 10:10	Artificial Photosynthesis	Aindrila Mukhopadhyay
10:10 – 10:25	Science Highlight	Jenny Mortimer
10:25 – 10:40	Break	
10:40 – 11:50	Biomanufacturing	
10:40 – 10:50	Overview	Aindrila Mukhopadhyay
10:50 – 11:05	Tools for Biomanufacturing	Nathan Hillson
11:05 – 11:20	Designed Biological Systems	Nathan Hillson
11:20 – 11:35	Biodirected Materials	Moshe Baruch
11:35 – 11:50	Science Highlight	Paramvir Dehal
11:50 – 1:00	Lunch	
12:30 – 1:00	The JGI Strategic Plan: Highlights and connections to the Biosciences Strategic Plan	Axel Visel
1:00 – 1:40	Environment	
1:00 – 1:10	Overview	Trent Northen
1:10 – 1:25	Predictive Understanding	Adam Deutschbauer
1:25 – 1:40	Biology-Based Solutions	Diane Dickel
1:40 – 2:50	Health	
1:40 – 1:50	Overview	Gary Karpen
1:50 – 2:05	Biological Responses	Sue Celniker
2:05 – 2:20	Impact of Environmental Challenges	Sylvain Costes
2:20 – 2:35	BRAIN Initiative	Kris Bouchard
2:35 – 2:50	Science Highlight	Antoine Snijders
2:50 – 3:05	Break	
3:05 – 4:00	Technologies	
3:05 – 3:15	Overview	Paul Adams
3:15 – 3:30	Structural Biology	Paul Adams
3:30 – 3:45	Mathematics, Informatics, and Computing	Peter Zwart
3:45 – 4:00	Bioimaging	Cynthia McMurray
4:00 – 4:50	Breakout groups– implementation gaps, strategies to fill gaps, new programs that address BSP goals	All
4:50 – 5:00	Reconvene in main room	All
5:00 – 5:50	Report out (10 Minutes each group)	Mentors
5:50 – 6:00	Closing Remarks	Jay Keasling
6:00 - 7:30	Reception at hotel bar	