

# Sample Prep Workshop Agenda – September 6, 2017

Hosted by the Puglisi Laboratory

Stanford University School of Medicine—Paul Brest Hall



**THE LEADER IN LONG-READ SEQUENCING**



**8:30 – 8:55 a.m.**

## **Registration and Continental Breakfast**

9:00 – 9:20 a.m.

Consumables Products Updates

Paul Kotturi, Ph.D., Director, PacBio

9:20 – 10:05 a.m.

Sample Preparation Workflow Presentations

9:20 – 9:35 a.m.

Optimal Generation of Long DNA Fragments Prior to SMRTbell Template Library Prep

Rini Saxena, Head of Commercial Operations, Diagenode Inc.

9:35 – 9:50 a.m.

Faster DNA Size Selection for Large SMRTbell Template Preparation

Chris Boles, Ph.D., CSO, Sage Science, Inc.

9:50 – 10:05 a.m.

Rapid and Accurate Sample QC with the Advanced Analytical Technologies FEMTO Pulse

Brian Bodemann, Ph.D., Account Executive, Advanced Analytical Technologies, Inc.

10:05 – 10:35 a.m.

Technical Presentation and Group Discussion – Multiplexing

Primo Baybayan, Director, Applications Lab, PacBio

Cheryl Heiner, Principal Scientist, R&D Applications Development, PacBio

**10:35 – 11:05 a.m.**

## **Coffee Break**

11:05 – 12:20 p.m.

Technical Presentations and Group Discussion—  
Iso-Seq Analysis/Targeted Enrichment

11:05 – 11:50 a.m.

R&D Update: Targeted Sequencing and Iso-Seq Protocol Improvements

Tyson Clark, Ph.D., Director, Applications Development, PacBio

11:50 – 12:20 p.m.

Sequencing of Full-length Transcripts using SMRT-Cappable-seq Reveals the Complexity of the Bacteria *Operome*

Laurence Ettwiller, Ph.D, Head of Bioinformatics and Computational Biology, New England Biolabs

12:20 – 12:30 p.m.

Software and Data Analysis Updates

Carmen Guarco, Ph.D., Field Applications Scientist, Bioinformatics, PacBio

12:30 – 1:00 p.m.

Sample Prep Kit Updates

Brendan Galvin, Senior Staff Scientist, Sample Prep, PacBio

Heather Ferraro, Senior Scientist, Sample Prep, PacBio

**1:00 p.m.**

**Lunch**

**Thanks to our Partners:**

