

Attend our Seminar: See what you are missing with Single Molecule, Real-Time (SMRT®) Sequencing

Presented by **Andy Larrea, Ph.D.**
Pacific Biosciences

Wednesday, April 26, 2017

1:00 pm-2:20pm

Location: Miller Plant Sciences Building #2401

Hosted by: GGF

Key Takeaways:

- Fully assemble microbial genomes with one contig per replicon
- Rapidly generate high quality reference assemblies of complex plant and animal genomes using a single library and open access bioinformatic tools
- Resolve structural variation across the complete size spectrum with base-pair resolution
- Unlock isoform diversity and accurately annotate your reference genome with full-length transcriptome sequencing
- Characterize complex communities with full length 16S

Topics:

- Background on SMRT Technology
- De novo assembly
- Full length transcript sequencing
- Metagenomics



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