2018 SEQUENCING WORKSHOP

November 8, 2018
Red Cloud B & C, Cather Dining Complex

Program

8:30 am  Registration
8:55 am  Welcome
9:00 - 9:45 am  Ken Jones (University of Colorado at Denver) - “Single cell RNAseq: The good, the Bad, and the Ugly”
9:50 - 10:30 am  Kenny Beckman (University of Minnesota) - “UMGC Technologies & Services”
10:30 - 10:45 am  Break
10:45 - 11:25 am  Daryl Gohl (University of Minnesota) - “Improving NGS-based microbiome and functional genomics measurements”
11:30 - 12:10 pm  Pamela Lussier (Illumina) - “Agrigenomics Applications: Targeted Sequencing Based Solutions from Illumina”
Alasdair I. Reid (Illumina) - “The Road to Metagenomics: Going from 16S-based bacterial profiling to whole-genome shotgun sequencing of the complete microbiome”
12:10 - 1:00 pm  Lunch (provided)
1:00 - 1:30 pm  Jake Brandenburg (Pacific Biosciences) - “Single Genes to Complete Genomes: A PacBio Applications and Roadmap Overview”
1:35 - 2:05 pm  Tim Szalewski and Jennifer Bushing (University of Nebraska Medical Center) - “UNMC Genomics Core Facility: Next Generation Sequencing (NGS) Services and Support for UN System Researchers”
2:10 - 2:50 pm  Chi Zhang (University of Nebraska-Lincoln) – “Nanopore MinION sequencing: workflow and applications”

Registration Required:
https://biotech.unl.edu/2018-SequencingWorkshop

Co-sponsored by the Nebraska Center for Biotechnology, Illumina, and Pacific Biosciences