

# Long Read Sequencing Opportunities at the BCM: Human Genome Sequencing Center

Friday, January 8, 2021

## Agenda:

Time (CST)	Seminar Title	Speaker
10:00 AM	Long read platforms at the Human Genome Sequencing Center	Harsha Doddapaneni, Ph.D.
10:15 AM	Moving towards comprehensive genomics	Fritz Sedlazeck, Ph.D.
10:30 AM	Clinically unsolvable autoinflammatory disorder diagnosed by RNA and long-read sequencing	David Murdock, M.D., F.A.C.M.G.
10:45 AM	Comparative pathogenomics of <i>Escherichia coli</i>	Justin Clark, Ph.D.
11:00 AM	BREAK	
11:15 AM	Disruptive innovation in human cancer genetics: Human papillomavirus is a highly disruptive insertional mutagen in primary oropharyngeal cancers	David Symer, M.D., Ph.D.
11:30 AM	Applications of long read sequencing to comparative primate genomics	Jeff Rogers, Ph.D.
11:45 AM	Investigating the mutational features of de novo structural variants using short and long-reads combined approaches	Claudia Carvalho, Ph.D.
12:00 PM	Panel Q&A – Speakers and Invited Guests	Shalini Jhangiani, M.Sc.
Closing at 12:30		

