Speaker: Dr. Radhakrishna Bettadapura
Title: Strand NGS: Fast, accurate, visual and collaborative NGS

Abstract:
In the first part of the talk, we'll talk about some new features in Strand NGS---and some old, good ones. We'll show how our UMI-ready workflow assists in calling somatic variants at low allele frequencies with high specificity. In DNA and RNA, we'll showcase some of our latest engineering efforts, leading to fast, accurate, and visual workflows with an emphasis on biological insight. We'll show some surprising results on existing work.

In the second part of the talk, we'll talk about Strand NGS Server. Strand NGS Server has helped our in-house clinical lab grow from a small core team of 5 users to approximately 70 users across five different teams. Strand NGS Server helps these users collaborate on a vast and perpetually growing database of experiments, effectively parallelizing the mythical---and slightly elusive---man-hour.