

# Immune Cell and Repertoire Profiling at Single Cell Resolution For Infectious Disease Research

Date : July 23 2020 (Thursday)

Time : 10am to 11am

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## **Abstract:**

The ongoing coronavirus (COVID-19) outbreak has taken thousands of lives, and the number of infections is growing daily. The Chromium Single Cell Immune Profiling Solution from 10x Genomics is a comprehensive approach to simultaneously examine the cellular context of the adaptive immune response and immune repertoires. This approach can be applied from hundreds to tens of thousands of T and B cells on a cell-by-cell basis. In this online seminar, we will discuss the utility of single cell technologies to advance infectious disease research, highlighting how the scientific community can respond to such events.

## **Speaker:**



**Leo Chan, PhD, Science & Technology Advisor, APAC Lead, 10x Genomics**

Leo obtained his PhD in Marine Biosciences from the University of Delaware in the U.S. in 2009. He then joined the University of Georgia, Dept of Energy's Joint Genome Institute (JGI), as a Postdoc followed by Senior Research Associate. From 2013 – 2017, Leo worked at WaferGen Biosystems. He joined 10x Genomics in early 2017 and was an Application Support scientist and Field Application Scientist, before being a Science & Technology Advisor for the APAC region.

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