Special Seminar by Fluidic Analytics

Event Type: Special Seminar  
Contact Person: Nicole Tenly  
Host: Raquel Ruiz  

Event Info  
Date: Jun 2 2021 - 11:00am to 12:00pm  
Location: Virtual  

Details  
Speaker/Presenter: Sean Devenish, PhD  
Speaker Title: Head of Technical Support - Life Sciences and Services  
Speaker Affiliation: Fluidic Analytics  
Event Description:  
Topics discussed:

- Why quantitative information on protein interactions is key to provide actionable insights on the potency of the immune response to SARS-CoV-2  
- Understand the drawbacks of standard immunoassays such as ELISA tests  
- Learn about the ability to assess the immune response of COVID-19 patients directly in minimally diluted serum by use of a novel in-solution immunoassay platform  
- How our novel affinity-based virus-neutralization assays could track functional immunity and vaccine escape  

Fluidic Analytics, a University of Cambridge (UK) spin-out company, provides a unique technology enabling protein characterisation, including measurements of size, concentration, as well as affinity of proteins and secondary molecules such as other proteins, DNAs, or lipids. Measurements are much more biologically relevant as can be performed fully in solution and in complex backgrounds such as cell lysates or serum/plasma. The technique requires only 5uL for a single measurement and proves to be particularly useful in the area of infectious diseases and immune profiling (antibody
detection, affinity/antibody maturation, virus neutralisation, or cross-reactivity studies).

https://umd.webex.com/umd/j.php?MTID=m8ff61d141c912fdf5bb9b1204f362c91
Meeting number: 120 842 9967
Password: GsvZ2aUXn69