



2215 Yukon St .
Vancouver, BC
Canada, V5Y 0A1
T 1. 604.559.9005
abcellera.com

NEWS RELEASE

AbCellera Receives Grant to Help Fight Tuberculosis

1/19/2017

Vancouver, Canada (January 19, 2017) - AbCellera today announced a grant from the Bill & Melinda **Gates Foundation** to discover monoclonal antibodies against Mycobacterium tuberculosis (Mtb). The project will use AbCellera's antibody discovery platform to generate panels of high- affinity monoclonal antibodies against 10 tuberculosis targets. These antibodies will be used for the development of new diagnostic tests for disease caused by Mtb. Dr. Carl Hansen, founding CEO of AbCellera commented: "It is a real honour to have the support of the Bill & Melinda Gates Foundation, and we are grateful for the chance to contribute in the fight against tuberculosis."

Tuberculosis is one of the leading causes of death worldwide, with an estimated nine million new cases annually. Conventional diagnostic methods used in the developing world fail to identify individuals with disease caused by Mtb in more than half of all cases, and access to more sensitive tests that require specialized laboratory equipment is limited in many high-burden countries. The development of low-cost, point-of-care tests with greater specificity and sensitivity would have major impact on curtailing the spread of the disease in low- to middle-income countries that account for over 90% of tuberculosis cases.

AbCellera has established a microfluidic single-cell platform that enables the screening of millions of immune cells in a single day, greatly increasing the speed and efficiency of monoclonal antibody discovery from natural immune responses of immunized animals and human patients. AbCellera's technology opens new avenues for human immune profiling and infectious disease research, with the potential to accelerate the development of urgently needed diagnostic tests and vaccines.

About AbCellera Biologics Inc.

AbCellera is a privately held company that provides enabling technologies to biotechnology and pharmaceutical partners to accelerate the discovery and development of next-generation monoclonal antibody therapies.

Media Contact

Kevin Heyries Telephone: 604.827.4151 Email: media@abcellera.com