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AbCellera, Gilead Sciences to expedite multi-target antibody discovery programs

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Partnership to support many antibody modalities and accelerates therapeutic antibody discovery programs



British Columbia-based biotechnology firm, AbCellera announced agreements to expand its collaboration with Gilead Sciences, Inc. including a multi-year, multi-target antibody discovery collaboration and access to AbCellera's humanized mouse technology, the Trianni Mouse®. Under the financial terms of the agreements, AbCellera will receive an upfront payment and is eligible for milestone payments and royalties based on the development and commercialization of antibodies generated by AbCellera under this collaboration.

Under the new agreement, AbCellera will generate panels of antibodies for up to eight new targets, across multiple indications, selected by Gilead. The expanded collaboration will leverage the full breadth of AbCellera's technology stack, including the recently added capabilities for sourcing diverse, fully-humanized antibodies using the Trianni Mouse® platform and combining any two antibodies to create native bispecifics using the OrthoMabTM protein engineering platform.

Carl Hansen, Ph.D., CEO and President of AbCellera said, "We are pleased to see the value created for our partners by quickly integrating the Trianni Mouse® and OrthoMabTM platforms, which we acquired in second half of 2020."

AbCellera's partners benefit from an operating system designed to support many antibody modalities, unlock new targets, and increase the speed and the probability of success of their therapeutic antibody discovery programs. AbCellera's AI-powered technology stack brings together microfluidics, single cell analysis, machine learning, computation, custom robotics, and automation to compound the power of each step in the discovery process.