



Twist Bioscience Announces Strategic Collaboration With Schrödinger for Drug Discovery

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SOUTH SAN FRANCISCO, Calif.--(BUSINESS WIRE)--Jan. 15, 2020-- Twist Bioscience Corporation (NASDAQ: TWST), a company enabling customers to succeed through its offering of high-quality synthetic DNA using its silicon platform, announced today a collaboration with Schrödinger, Inc., a company focused on transforming the way therapeutics are discovered with a physics-based computational platform, to bring the two companies' technology platforms together to discover new antibody therapeutics against G-protein coupled receptor (GPCR) targets.

Under the terms of the agreement, each company will contribute their individual expertise in a highly collaborative manner to discover novel antibody therapeutics. Specifically, Schrödinger will use its proprietary physics-based computational platform to model functional antibody segments that bind to a particular GPCR receptor. Twist Biopharma, a division of Twist Bioscience, will then use its silicon-based DNA synthesis platform to generate a large number of precisely defined antibody sequences that can then be taken into proof-of-concept and preclinical development. The companies will collaborate on any commercial opportunities generated by the work together.

"This collaboration brings together two very important areas of drug discovery technology," said Robert Abel, Ph.D., Schrödinger's Executive Vice President of Science. "Our physics-based platform enables detailed modeling of protein peptide interactions. Twist can then deploy its technology to incorporate such peptides into an antibody scaffold. Together, we believe we will be able to break new ground in antibody discovery and deliver next-generation therapeutics."

"Through our internal efforts and key partnerships, we continue to expand our drug discovery capabilities," commented Emily M. Leproust, Ph.D., CEO and co-founder of Twist Bioscience. "We started the company by offering our customers synthetic DNA in the form of genes and fragments, expanded our offering to take our synthetic DNA and elevate next-generation sequencing preparations, and now we are focused on leveraging our platform into antibody discovery. This partnership with Schrödinger builds on our strong foundation to further expand the benefit of our silicon-based DNA platform into therapeutics utilizing modeling."

About Twist Bioscience Corporation

Twist Bioscience is a leading and rapidly growing synthetic biology company that has developed a disruptive DNA synthesis platform to industrialize the engineering of biology. The core of the platform is a proprietary technology that pioneers a new method of manufacturing synthetic DNA by "writing" DNA on a silicon chip. Twist is leveraging its unique technology to manufacture a broad range of synthetic DNA-based products, including synthetic genes, tools for next-generation sequencing (NGS) preparation, and antibody libraries for drug discovery and development. Twist is also pursuing longer-term opportunities in digital data storage in DNA and biologics drug discovery. Twist makes products for use across many industries including healthcare, industrial chemicals, agriculture and academic research.

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