



Quantum-Si to Develop Acceleration Platform and Advance Core Technologies in Collaboration with NVIDIA

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Collaboration will Drive AI-Powered Advancements in Next-Generation Protein Sequencing™ and Accelerated Data Processing

BRANFORD, Conn.--(BUSINESS WIRE)--Nov. 20, 2024-- [Quantum-Si Incorporated](#) (Nasdaq: QSI) ("Quantum-Si," "QSI" or the "Company"), The Protein Sequencing Company™, today announced a collaboration with NVIDIA to develop its new proteomics platform, Proteus™, and advance Quantum-Si's core technologies of amino acid binders and aminopeptidases using NVIDIA AI and accelerated computing.

This collaboration aims to significantly enhance data processing speeds to handle the increased data volume from Proteus. By leveraging NVIDIA accelerated computing and Quantum-Si's advanced single-molecule protein sequencing and detection technologies, the collaboration aims to develop a robust data processing system. This system will keep pace with Quantum-Si's rapidly evolving technology advancements, generating single-molecule protein insights to deepen our understanding of the proteome and develop innovative solutions through research, drug discovery, and healthcare AI.

"We are thrilled to collaborate with NVIDIA to make single-molecule proteomics more accessible to researchers," said John Vieceli, Ph.D., Chief Product Officer of Quantum-Si. We have been leveraging AI protein structure prediction tools with [NVIDIA BioNeMo](#), both in the cloud and on-premises to design new and improved biomolecules. Now, we are excited to apply NVIDIA technology for downstream data processing and interpretation applications for Proteus.

"Sequencing proteins to derive insights requires advanced processing capabilities that can handle vast volumes of data," said George Vacek, Global Head of Genomics Alliances at NVIDIA. "Applying NVIDIA technology for accelerated computing and AI, Quantum-Si's platform for proteomics and multi-omics can make a significant impact on healthcare and life sciences AI and research."

About Quantum-Si Incorporated

Quantum-Si, The Protein Sequencing Company™, is focused on revolutionizing the growing field of proteomics. The Company's Platinum® instrument enables Next-Generation Protein Sequencing™ that advances proteomic research, drug discovery, and diagnostics beyond what has been possible with existing proteomic tools. Learn more at [quantum-si.com](#) or follow us on [LinkedIn](#) or [X](#).

Forward Looking Statements

This press release includes "forward-looking statements" within the meaning of the "safe harbor" provisions of the United States Private Securities Litigation Reform Act of 1995. The actual results of the Company may differ from its expectations, estimates, and projections and, consequently, you should not rely on these forward-looking statements as predictions of future events. Words such as "expect," "estimate," "project," "budget," "forecast," "anticipate," "intend," "plan," "may," "will," "could," "should," "believes," "predicts," "potential," "continue," and similar expressions (or the negative versions of such words or expressions) are intended to identify such forward-looking statements. These forward-looking statements include, without limitation, the Company's expectations with respect to future performance and development and commercialization of products and services, its anticipated cash runway and its financial guidance for the full year 2024. These forward-looking statements involve significant risks and uncertainties that could cause the actual results to differ materially from those discussed in the forward-looking statements. Most of these factors are outside the Company's control and are difficult to predict. Factors that may cause such differences include, but are not limited to: the inability to maintain the listing of the Company's Class A common stock on The Nasdaq Stock Market; the ability of the Company to grow and manage growth profitably and retain its key employees; the Company's ongoing leadership transitions; changes in applicable laws or regulations; the ability of the Company to raise financing in the future; the success, cost and timing of the Company's product development and commercialization activities; the commercialization and adoption of the Company's existing products and the success of any product the Company may offer in the future; the potential attributes and benefits of the Company's commercialized Platinum® protein sequencing instrument and kits and the Company's other products once commercialized; the Company's ability to obtain and maintain regulatory approval for its products, and any related restrictions and limitations of any approved product; the Company's ability to identify, in-license or acquire additional technology; the Company's ability to maintain its existing lease, license, manufacture and supply agreements; the Company's ability to compete with other companies currently marketing or engaged in the development or commercialization of products and services that serve customers engaged in proteomic analysis, many of which have greater financial and marketing resources than the Company; the size and growth potential of the markets for the Company's products and services, and its ability to serve those markets once commercialized, either alone or in partnership with others; the Company's estimates regarding future expenses, future revenue, capital requirements and needs for additional financing; the Company's financial performance; and other risks and uncertainties described under "Risk Factors" in the Company's most recent Annual Report on Form 10-K and Quarterly Reports on Form 10-Q and in the Company's other filings with the SEC. The Company cautions that the foregoing list of factors is not exclusive. The Company cautions readers not to place undue reliance upon any forward-looking statements, which speak only as of the date made. The Company does not undertake or accept any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements to reflect any change in its expectations or any change in events, conditions, or circumstances on which any such statement is based.

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