

For Immediate Release

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PVLSI and Seahorse Bioscience team up to validate novel technology

Seahorse Bioscience and the Pioneer Valley Life Sciences Institute (PVLSI) announce an agreement to work together to validate a novel technology developed by Seahorse Bioscience to measure the CO₂ (carbon dioxide) production rates of cells. PVLSI scientist Dr. Nagendra Yadava is principal investigator for the project. Noninvasive measurement of CO₂ production will aid in the understanding of cell metabolism and generate new insights into the pathophysiology of obesity, diabetes, cancer, cardiovascular and neurodegenerative diseases

"I am excited to be working with such talented scientists right in our own backyard. The ability to study and validate our latest advances in bioenergetic analyses with the end user will ensure that we can continue to provide the innovative tools researchers have come to expect from Seahorse," stated David Ferrick, PhD, CSO for Seahorse.

"We are very pleased to be working with Seahorse Bioscience on emerging technology. Their XF instruments are important new scientific tools. With the company's headquarters in North Billerica and its growing Chicopee (MA) design and manufacturing facility, the project is a great fit with our scientific mission as well as our commitment to technology-based economic development in the Pioneer Valley region and throughout Massachusetts," observed Dr. Lawrence Schwartz, PVLSI's science director.

About the Pioneer Valley Life Sciences Institute (PVLSI)

PVLSI was created in 2002 as a joint venture of Baystate Medical Center and the University of Massachusetts Amherst with the dual missions of biomedical research and economic development. Drawing on each of the founders as well as its own researchers, the Institute brings together physicians, scientists, and engineers to create interdisciplinary and multidisciplinary teams focused on the molecular mechanisms of disease and the development of new diagnostic and therapeutic tools. For more information, go to www.pvlsi.org.

About Seahorse Bioscience

SEAHORSE XF ANALYZERS have become the new standard in cellular bioenergetic measurements. Scientists worldwide use these tools to advance their research in understanding the role of mitochondrial function in obesity, diabetes, ageing, cancer, cardiovascular function and safety toxicity. Founded in 2001, Seahorse is headquartered in North Billerica, MA. For more information, go to: www.seahorsebio.com

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