

## Vivoz Biolabs LLC Awarded Competitive Grant from the National Science Foundation

*Small Business Innovation Research Program Provides Seed Funding for R&D*

New York, NY, Dec 4th, 2019 – Vivoz Biolabs LLC has been awarded a National Science Foundation (NSF) Small Business Technology Transfer (STTR) grant for \$224,700 to conduct research and development (R&D) work on assessing an innovative Microfluidic Tissue Array device for applications in drug development and precision medicine.

VivoZ BioLabs LLC, a startup from the City University of New York, will develop and commercialize its patented technology to effectively evaluate different drug effects using individual patients' biopsies, guide personalized cancer treatment regimes, and lead to increased survival rate, reduced healthcare cost and improved quality of patient life. In addition, this biopsy tissue-on chip technology will facilitate pharmaceutical industry on cancer drug discovery and development in terms of cost and time.

"NSF is proud to support the technology of the future by thinking beyond incremental developments and funding the most creative, impactful ideas across all markets and areas of science and engineering," said Andrea Belz, Division Director of the Division of Industrial Innovation and Partnerships at NSF. "With the support of our research funds, any deep technology startup or small business can guide basic science into meaningful solutions that address tremendous needs."

"Together with our academic collaborators of cancer biologist, oncologist and biomedical engineers from Memorial Sloan Kettering Cancer Center and City University of New York-City College, we are excited to receive federal seed fund and meanwhile confident that the fund will facilitate the translation of a research outcome into an industrial/clinical product ultimately benefiting patients." said Dr. Lian Wang, CEO of VivoZ BioLabs.

Once a small business is awarded a Phase I SBIR/STTR grant (up to \$225,000), it becomes eligible to apply for a Phase II grant (up to \$750,000). Small businesses with Phase II grants are eligible to receive up to \$500,000 in additional matching funds with qualifying third-party investment or sales.

NSF accepts Phase I proposals from small businesses year-round. Small businesses with innovative science and technology solutions, and commercial potential are encouraged to apply. All proposals submitted to the NSF SBIR/STTR program, also known as America's Seed Fund powered by NSF, undergo a rigorous merit-based review process.

To learn more about America's Seed Fund powered by NSF, visit: <https://seedfund.nsf.gov/>

**About the National Science Foundation's Small Business Programs:** America's Seed Fund powered by NSF awards \$200 million annually to startups and small businesses, transforming scientific discovery into products and services with commercial and societal impact. Startups working across almost all areas of science and technology can receive up to \$1.5 million in non-dilutive funds to support research and development (R&D), helping de-risk technology for commercial success. America's Seed Fund is congressionally mandated through the Small Business Innovation Research (SBIR) program. The NSF is an independent federal agency with a budget of about \$8.1 billion that supports fundamental research and education across all fields of science and engineering.