Headline: Nanoscope® Instruments, Inc. receives 2020 STEP Grant from Texas Department of Agriculture to facilitate global market expansion through product sales.

Bedford, TX, July 27, 2020—Nanoscope® Instruments, Inc was recently awarded the 2020 STEP Grant from the Texas Department of Agriculture (TDA). Now in its third year, the Texas State Trade Expansion Program (STEP) grant aims to increase the amount of exported goods and services from Texas small businesses through technical assistance, participation in state-led trade shows, and support to conduct export activities.

Nanoscope Instruments (www.nanoscopeinstruments.com) is an affiliate of Nanoscope Technologies, LLC and has strong regional, national, and international collaborations in ocular and biomedical research. Nanoscope products available for sale include: (1) NS-TARA, (2) NS-NEEL, and (3) NS-QUANTA. These products are currently used by researchers for creating models of degenerative eye diseases such as dry age-related macular degeneration (dry-AMD), which affects a significant portion of the global aging population, and for evaluating the efficacy of a therapy by monitoring the structure and physiology of the retina.

Nanoscope researchers have previously validated the research use of lasers to deliver therapeutic genes for patients with dry-AMD, and other diseases. Nanoscope's laser product is multi-modal enabling use with viewing devices such as an Optical Coherence Tomography (OCT) system or Funduscope and is available in the NS-TARA and NS-QUANTA products. "The imaging platform and laser delivery technology are synergistic and will allow for precision three-dimensional image guided gene delivery in one setting" said Samarendra Mohanty, Ph.D., Chief Executive Officer at Nanoscope Instruments, Inc.

An additional Nanoscope product, NS-NEEL, enables "OCT guided structural imaging integrated with physiologic ERG monitoring by multi-focal stimulation enabling simultaneous workflows in one setting", said Sanghoon Kim, Ph.D., Senior Project Engineer at Nanoscope Instruments, Inc. Products for ablation and disease detection are also available from Nanoscope Instruments.

In closing, said Madhu Rao, Ph.D., EVP of Sales & Marketing at Nanoscope Instruments, Inc "We are pleased to receive this STEP grant and will proudly represent the State of Texas and the TDA to successfully market our products globally for researchers to see, measure, and modulate their specimens of interest. We look forward to sharing these successes with fellow Texans in the press."

Nanoscope Instruments was incorporated in 2019 and is an affiliate of Nanoscope Technologies, LLC, which was founded in 2009 by Samarendra Mohanty, PhD. Nanoscope Technologies has received several SBIR awards, National Institutes of Health (NIH) R01 grants, and patents which focus on optical stimulation, gene delivery, and imaging for neural activity monitoring.

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