



**PRESS RELEASE  
FOR IMMEDIATE RELEASE**

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**VERASONICS AND SONIC CONCEPTS SIGN RESEARCH FUNDING AGREEMENT  
WITH THE FOCUSED ULTRASOUND FOUNDATION**

***Expanding the HIFUPlex™ Portfolio into a Full “Turnkey” Ultrasound-Guided  
Focused Ultrasound (USgFUS) Preclinical Research System***

Kirkland, WA, January 30, 2019 – Verasonics, a leader in research ultrasound, and Sonic Concepts, Inc., of Bothell, WA, an innovator of high-performance transducers, today announced the execution of a Research Funding Agreement with the Focused Ultrasound Foundation of Charlottesville, VA. The parties will collaborate to expand the HIFUPlex Portfolio into a full “turnkey” USgFUS preclinical research system for both small and large animals. Both solutions will offer 3D positioning, planning and therapy delivery as well as therapy monitoring.

“Ultrasound-guided focused ultrasound has become an exciting tool to treat or manage different medical conditions for improved outcomes,” said Jessica L. Foley, PhD, Chief Scientific Officer at the Focused Ultrasound Foundation. “We are looking forward to teaming up with Verasonics and Sonic Concepts on this compelling and important research project.”

**HIFUPlex Portfolio:**

The HIFUPlex Portfolio brings together the best of Verasonics’ Vantage systems and Sonic Concepts’ therapy and imaging transducers, providing customers with premium quality, innovative products and exceptional versatility in USgFUS for biomedical research.

HIFUPlex offers:

- Six standard ultrasound system and transducer configurations to meet a range of customer requirements, including variable depths and frequencies, for research and development,
- An easy upgrade pathway from any Vantage configuration and from non-USgFUS solutions using Sonics Concepts’ Transducer Power Output™ (TPO™) system, and
- A graphical user interface (GUI) with interleaving scripts that control the major parameters of FUS and imaging.



### **About Focused Ultrasound**

Focused ultrasound (FUS) is becoming increasingly preferred as a valuable non-invasive therapeutic technology across a wide spectrum of clinical areas including cardiology, endocrinology, oncology and women's health. FUS demonstrates important and growing utility in a variety of application areas, using a range of modalities such as tissue destruction, drug delivery, neuro-stimulation and modulation, immunomodulation and stem cell honing. MRI has predominantly been used to guide FUS; however, researchers today are more often developing USgFUS-applications because they are more flexible and less costly. Ultrasound is ideal not only for energy delivery, but also to identify, guide and target tissue in real time, as well as to monitor the treatment.

### **About Verasonics, Inc.**

Verasonics is a privately held company founded in 2001, with headquarters in Kirkland, WA. Verasonics is the leader in research ultrasound and is focused on providing researchers and developers with the most advanced and flexible tools enabling them to develop new algorithms and products used in biomedical ultrasound, materials science, earth sciences, and the physics of acoustics and ultrasonics. Verasonics also licenses its technology to companies for use in their commercial products. Verasonics has customers located in 28 countries across North and South America, Europe, Asia and Australia.

### **About Sonic Concepts, Inc.**

Founded in 1986, Sonic Concepts in Bothell, WA, delivers premium ultrasonic systems to the biomedical, industrial, marine and research markets. The company specializes in designing and manufacturing transducers, electronics and software. Transducers and systems are installed in leading corporate and academic research labs around the world.

### **About the Focused Ultrasound Foundation**

The Focused Ultrasound Foundation was created to improve the lives of millions of people worldwide by accelerating the development of this noninvasive technology. The Foundation works to clear the path to global adoption by coordinating and funding research, fostering collaboration, and building awareness among patients and professionals. Since its establishment in 2006, the Foundation has become the largest nongovernmental source of funding for focused ultrasound research. More information can be found at [www.fusfoundation.org](http://www.fusfoundation.org).

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