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**StageBio Partnership With LLS ROWIAK LaserLabSolutions Brings First Laser
Microtome to United States**

StageBio is pleased to announce that it has partnered with LLS ROWIAK LaserLabSolutions to install the first laser microtome instrument in the USA at its GLP histopathology laboratory in Thurmont, MD. This placement of the LLS TissueSurgeon laser microtome enables breakthrough histology techniques as pioneered by Germany-based company LLS ROWIAK LaserLabSolutions. Laser microtomy is poised to transform histotechnology applications in preclinical research conducted to ensure the safety and efficacy of FDA-regulated pharmaceutical drugs and medical devices.

This innovative partnership marks the launch of novel investigative approaches for hard and plastic-embedded tissue. Researchers in the United States will now be able to achieve authentic microscopic sections of medical devices and hard tissue samples (e.g. bone, cochlea, cardiovascular devices). Previous techniques (such as ground sectioning) often suffer from suboptimal slide sections with no discernable cellular progression. Further, they were limited by the loss of material approximately 350 and 1000 microns between two sections. With the LLS TissueSurgeon, StageBio will be able to offer high quality serial sections on glass slides at approx. 10 to 20 micron intervals with almost no loss of material.

This novel laser technique also eliminates the requirement for decalcification in investigation of bone samples, while the inherent 'no-contact' sectioning of the laser optimally preserves the integrity of the tissue-device interface for device studies. In both settings, this leads to reduced turnaround time coupled with higher quality sections for microscopic and morphometric analysis. This optimally preserved architectural and cellular integrity in turn yields improved visibility of histological sections at all magnification levels.

StageBio will act as the United States contact partner for LLS ROWIAK LaserLabSolutions, which includes offering visits to their facility in Maryland where they will host demonstrations and laser microtomy workshops. For more information on the technology, or to schedule a demo of the platform with StageBio, please contact Serge Rousselle, DVM, DACVP, Director of Digital Pathology at srousselle@stagebio.com.



StageBio is the leading provider of necropsy, histology, pathology and archiving services for the biopharmaceutical, medical device and contract research industries.

LLS ROWIAK LaserLabSolutions GmbH offers high quality laser instruments and services for imaging, and tissue and material processing, and cell manipulation.

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For general business or corporate inquiries about StageBio, please call Michael Cerio at 513-204-4400, or email mcerio@stagebio.com.