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**NUMIRA'S VIRTUAL HISTOLOGY™ KIDNEY IMAGING HIGHLIGHTED IN NATIONAL INSTITUTE OF HEALTH PUBLICATION IN *KIDNEY INTERNATIONAL***

SALT LAKE CITY, Utah, October 10, 2010 –Numira Biosciences, a specialty contract research organization and leader in high resolution, 3D imaging services and visualization software for the life science market, is proud to announce that its Virtual Histology™ technology was recently highlighted in the *Kidney International* journal. The publication discusses the use of Numira's quantitative imaging technology as a tool to access changes in renal architecture in kidney failure models.

With the combination of MicroCT, proprietary contrast agents and cutting edge software tools, Numira has developed an innovative, nondestructive way to image small animal models. Using this technology, our clients are able to visualize and quantify structural tissue changes in both bone and soft tissue.

The paper, titled "Angiotensin II overcomes strain-dependent resistance of rapid CKD progression in a new remnant kidney mouse model", is now available. Using Numira's Virtual Histology™ imaging services, researchers were able visualize subtle and gross changes within

the diseased kidney. Some abnormalities included the appearance of an irregular, bumpy, exterior surface and changes in branching architecture of the collecting ducts. This global 3d visualization confirms the implied changes seen with traditional 2D cellular histology.

### **About Numira Biosciences**

Numira is a specialty contract research organization (CRO) that provides powerful imaging solutions for researchers attempting to answer questions related to the onset and progression of disease, drug efficacy, and drug safety in animal models. Through the combination of proprietary stains, high performance visualization software, and MicroCT scanners, we offer a dramatic change in how data is captured, visualized, and analyzed.

For more information on Numira Biosciences, please visit [www.numirabio.com](http://www.numirabio.com)

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