

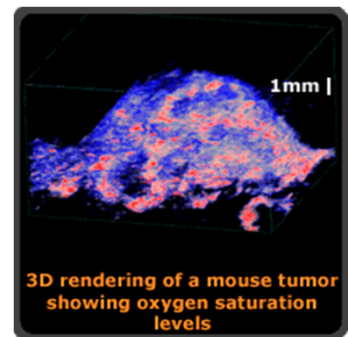
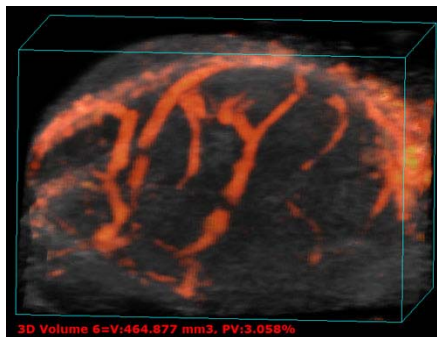
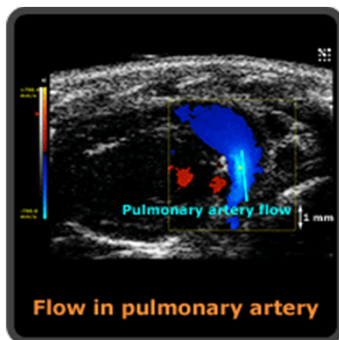


MicroUltrasound: High-resolution, non-invasive, *in vivo* imaging for (cardio)vascular research

Philippe Trochet
Visualsonics, Toronto

High-frequency micro-ultrasound works through the generation of harmless sound waves from transducers into living systems. As the sound waves propagate through tissue, they are reflected back and picked up by the transducer, and can then be translated into 2D and 3D images. Microultrasound is specifically developed for small animal research, efficiently viewing extremely small physiological structures and for imaging living tissue and blood flow with near-microscopic resolution.

Examples are: blood flow analyses, artery/vein mapping, organ vascularity, oxygenation, etc. Note: Aarhus University / Skejby Hospital has 2013 installed a new high-end microultrasound system.



Friday 15nd Marts 2013 at 9.15
Room 127 (zoofys kaffestue), building 1131