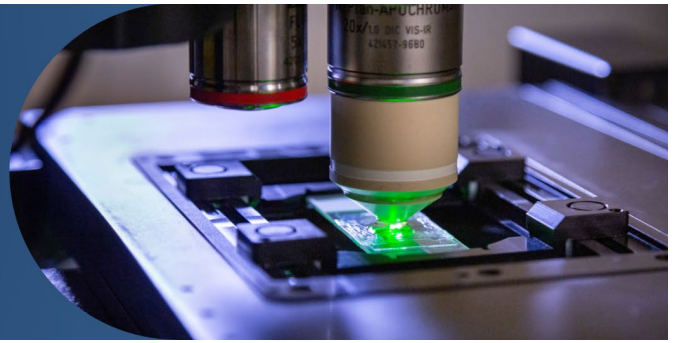


Preclinical Imaging

Research Administration

Seattle, WA • 501(c)(3) Nonprofit



Fred Hutch's Shared Resources are catalysts for lifesaving discoveries. This uniquely centralized program of 15 specialized core facilities and scientific services drives advances by integrating dedicated experts and cutting-edge technologies across the entire research pipeline, from basic science to clinical trial.

Vevo 2100 Ultrasound

Our Vevo 2100 ultrasound is equipped with two transducers that send ultrasonic waves through the imaging sample and detect reverberations, which are compiled to form an image. This is used for applications including imaging, early monitoring of tumor growth, image-guided injections for minimally invasive orthotopic tumor models and targeted therapy.

Three dimensional-mode imaging for anatomical and vascular visualization, when combined with either B mode, power Doppler, or nonlinear contrast imaging, allows for quantification of volume and vascularity within a defined anatomical structure.

Spatial resolution limit: ~ 30 μm – 10 mm

Image acquisition time: milliseconds – seconds

Transducers: MX250S, MX550S

Analysis software: Vevo lab



LEARN MORE

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