

Time-lapse Live Imaging on Small Animals available now in the 3D Facility

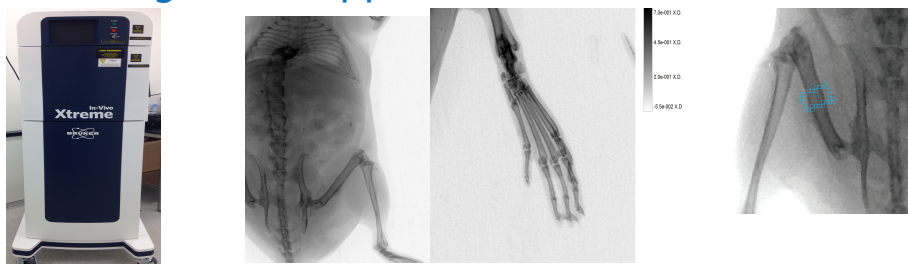
Brucker In-Vivo XTreme

**Digital High resolution X-Ray
Bone density measurement**

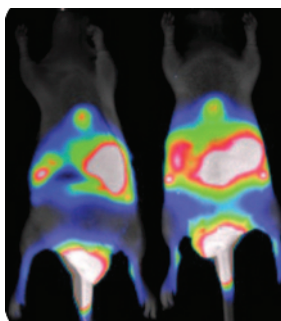
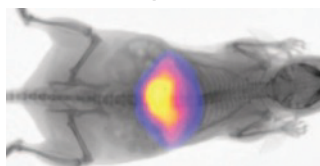
NEW!

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Radioluminescent, Bioluminescent & Fluorescent *in vivo* imager in an approved animal room



- True microfocus X-ray head
- Geometric magnification stage for high resolution imaging
- High speed X-ray head 500 μ A



Fluorescence Light Source & Excitation Filters:

- Powerful 400W Xenon illuminator
- 28 narrow band excitation filters
- Excite fluorophores from the visible to the NIR
- Monitor up to 5 mice at once

Rapid (one second) high resolution X-ray acquisition combined to a versatile & multimodal imaging station

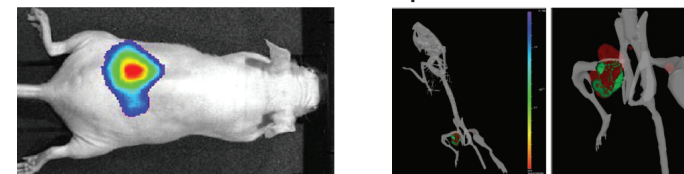
PerkinElmer IVIS spectrum

3D molecular imager

Bioluminescent & Fluorescent *in vivo* imager in biosafety level 2 approved animal room



- *in vivo* 3D molecular imaging-3D tomography (Digital mouse atlas)
- 3D Bioluminescence & Fluorescence capable



- Numerous narrow band excitation and emission filters allow **use of wide range of fluorescent probes**
- **Spectral unmixing** allows detection and separation of multiple reporters within the same animal
- **Monitor up to 5 mice at once**

A user friendly 3D imager

Obtain more information in a whole animal by using this non invasive, user-friendly & intuitive 3D platform!!