Invicro

VivoQuant® | New Release

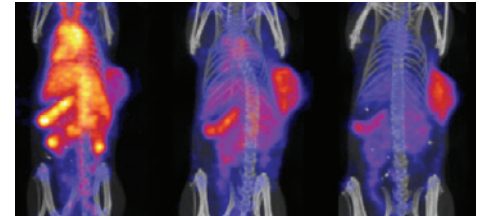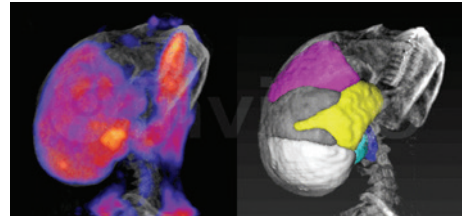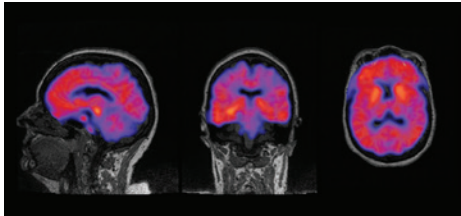## Quantitative Analysis Tools for Discovery and Clinical Applications

VivoQuant 2020 is the latest version of Invicro's quantitative image analysis platform. This release includes many new functional enhancements to support multi-modality, multi-species image processing applications. As a vendor neutral software product, VivoQuant 2020 streamlines image analysis research studies across all phases of drug discovery and development.

Advanced Add-on Modules

- 3D Brain Atlas Tool
- Multi-Atlas Segmentation Tool
- B/M-Mode Ultrasound Analysis Tool
- Pharmacokinetic Modeling Tool
- 2D CiQuant Plug-in Tool
- Functional MRI Tool

SUPPORTED APPLICATIONS

- Visualization
- Biodistribution
- Region Volume
- Tracer Kinetics

FEATURES & BENEFITS

Feature	Benefits
Overlapping ROI Selection	Precisely analyze overlapping ROIs to compare signal intensities across different regions and subregions.
Integration with iPACS	Reliably upload larger image files (>200MB) and reduce submission failure rates.
Three-Dimensional Rendering Function	Apply balancing, shading, orientation, color, and lighting parameters to enhance 3D image renderings for presentations and publications.
Integrated Image Analysis Tools	Improve analyses using the Multi-Atlas segmentation (MAS) tool, K-Means Segmentation Algorithm, and Cortical Thickness Tool.