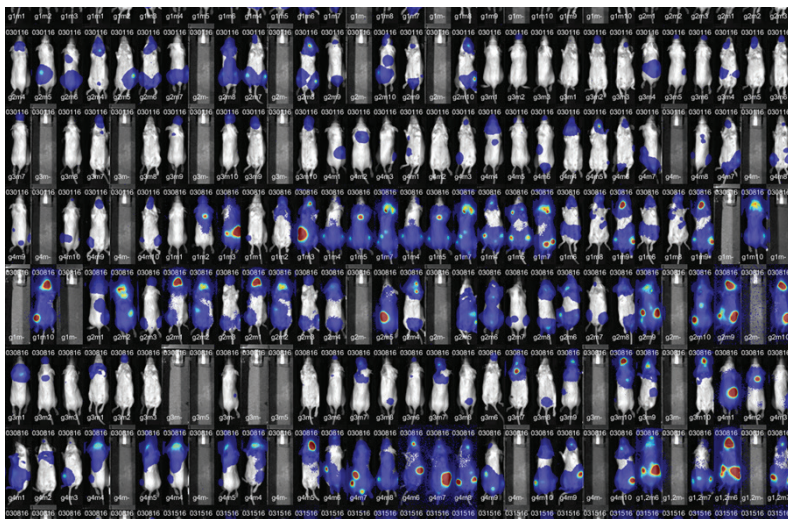


IMAGE ANALYSIS SERVICES

Have you acquired biomedical imaging data and need an efficient way to analyze them? Due to the nature of sophisticated biological structures, complex acquisition parameters, and highly variable results, analysis of such data is always challenging. Using a manual method is inefficient and prone to human error. Building your own analysis tool mandates dedicated manpower with specialized expertise along with additional costs on training and maintenance, therefore this is usually not economically feasible.

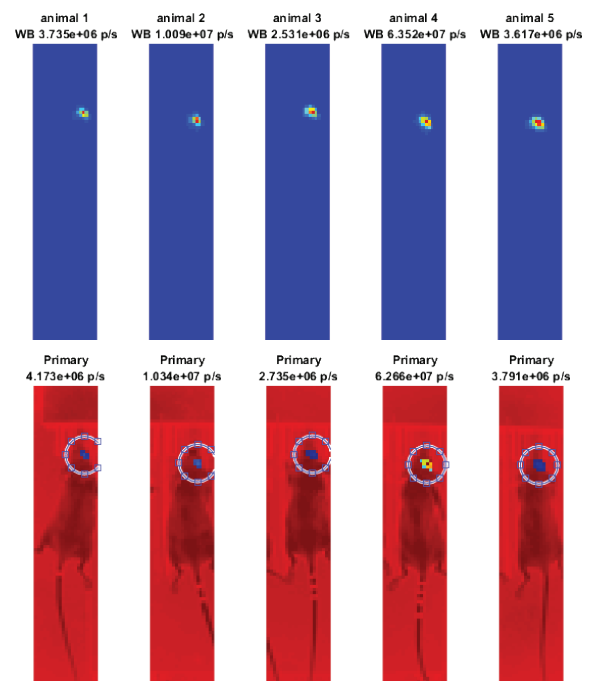
MI Bioresearch now offers image analysis services as a reliable solution for your needs. With our service you do not need to assemble an imaging parameter sheet or perform any post-processing work; just send us the raw data and you will receive your results in a format instantly ready for your team to discuss and proceed with the decision making process.

As an established and successful CRO with a full line up of preclinical imaging services, we know everything about imaging. Our image analysis personnel are not just computer programmers and trained image analysts—they have years of solid experience in streamlining imaging study design, execution, and reporting. We are the experts in getting the most out of your imaging data quickly, and are fully trusted by our clients in quality assurance. In an effort to increase analysis throughput and eliminate variability and error introduced by manual analysis, MI has developed proprietary analysis tools that seamlessly integrate with our imaging devices. These tools utilize sophisticated image analysis techniques and advanced scientific computing power to solve biological/mathematical models in imaging applications.



Representative Image Exporting View in BLIZZARD™

All tools directly process raw data generated by mainstream preclinical imaging systems (i.e., Perkin Elmer, Bruker Biospin). They have been fully tested and validated in commercial imaging studies performed by MI Bioresearch as standard analysis tools. Beyond sharing the power of these one-stop solutions, we offer expertise in customized analysis for your imaging data as well.



Fully Automated BLI Flux Analysis of Whole-body and Primary Tumor using BLIZZARD™

Our Applications:

- **BLIZZARD™ for BLI Analysis** — Fully automatic, high-throughput signal analyzer with multiple disease model support
- **REDCAT™ for DCE MRI Analysis** — Fully automatic Tofts model solver with pre-contrast T1 map support
- **OASIS™ for CEST MRI Analysis** — Fully automatic Z-spectrum analyzer covering CEST-based pH measurement and asymmetrical magnetization transfer ratio
- **SIFT™ for MRS Analysis** — Fast and intuitive NMR spectrum quantification

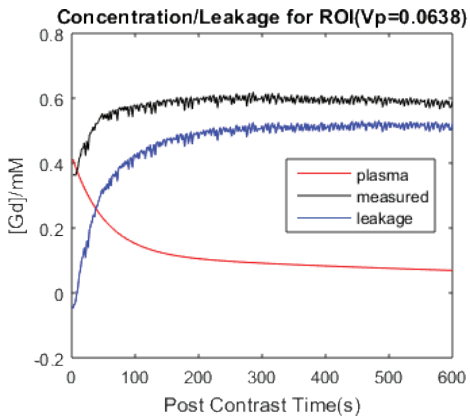
Let MI Bioresearch be your partner in achieving high quality results with reduced analytical costs and fast turnaround for your imaging data.

ONE FOCUS. ONE PURPOSE. ONCOLOGY RESEARCH.

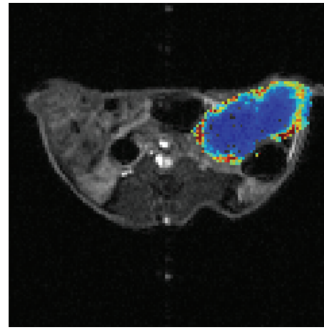
Pharmacology Expertise | Leading Technology | Data-driven Insight



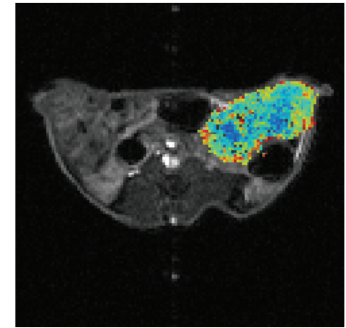
Tumor Permeability Analysis using REDCAT™ for DCE MRI Analysis:



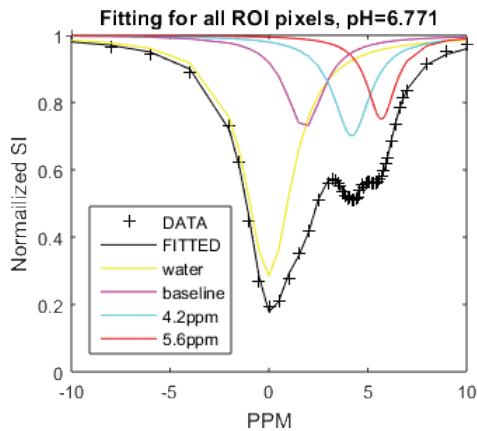
Ktrans Map (1/min) AVG=0.092



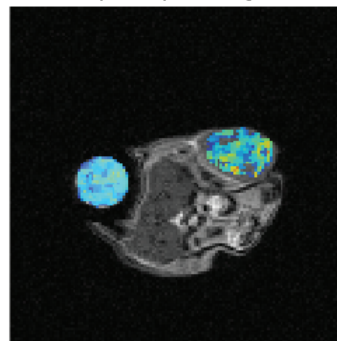
Ve Map AVG=0.452



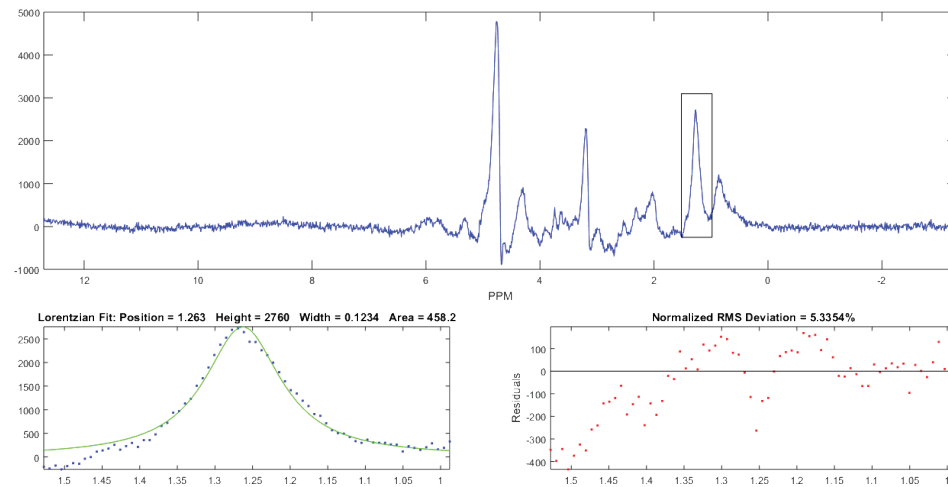
Tumor pH Measurement using OASIS™ for CEST MRI Analysis:



pH Map Overlay



Interactive Measurement of Brain Metabolites using SIFT™ for MRS Analysis:



About MI Bioresearch

MI Bioresearch is your premier preclinical oncology partner, leveraging focused scientific expertise and the industry's widest breadth of tools to interrogate pharmacology in human and syngeneic tumor models. We provide you with decision-driving data so you can confidently advance your potentially life-changing drug candidate. One Focus. One Purpose. Oncology Research.