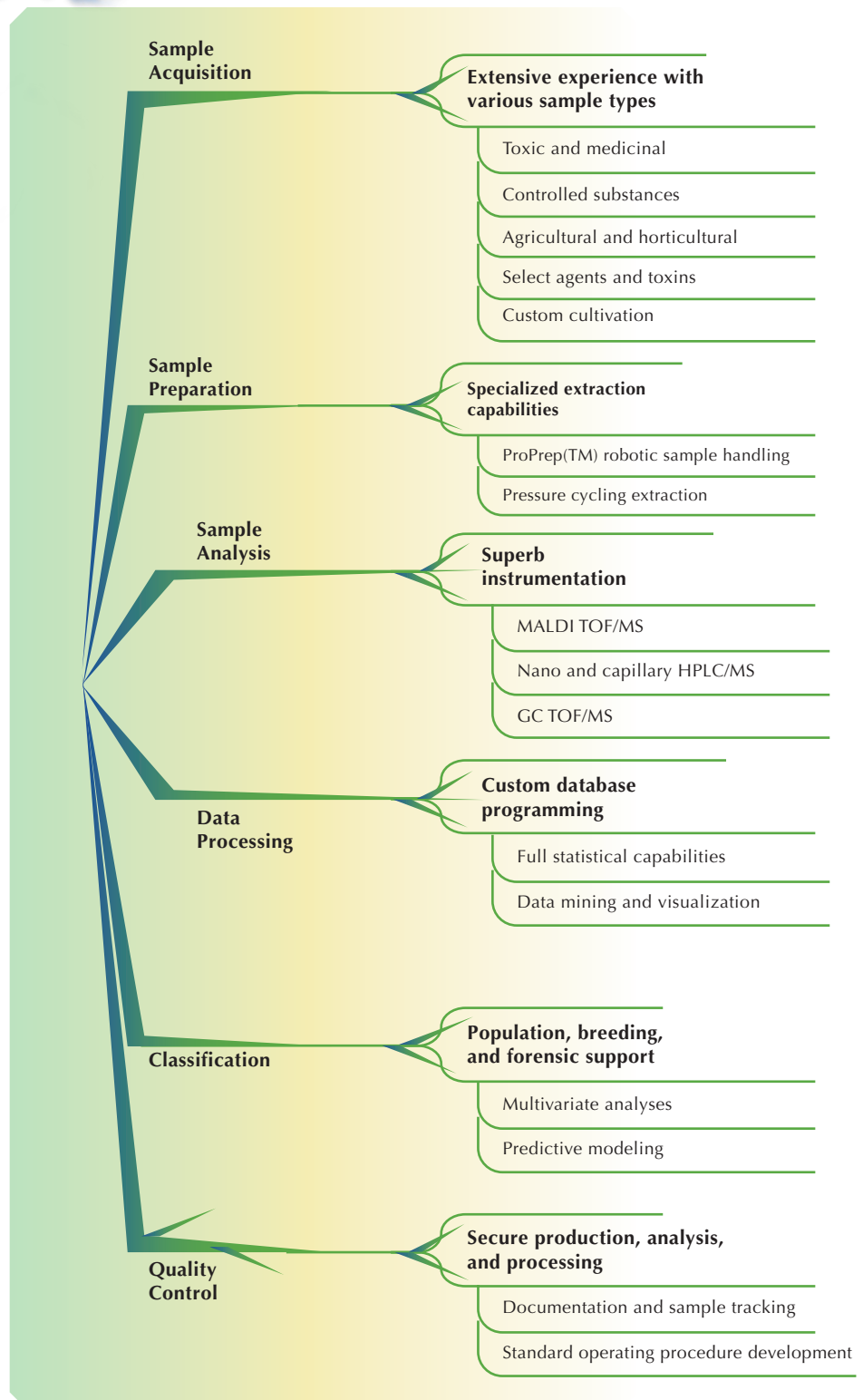


Plant Biomarker Discovery

MRIGlobal

MRIGlobal offers comprehensive services in the growing area of plant/plant-like metabolic profiling and biomarker discovery. Our specialized facilities, instrumentation, high-performance robotics, and expert staff offer customized solutions to clients working in this diverse research area.



MRIGlobal



About MRIGlobal

MRIGlobal is a not-for-profit organization that performs contract research for industry and the government in the areas of national security and defense, life sciences, agriculture & food safety, engineering, and energy research. For more information, please visit our website:

www.mriglobal.org

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Expert Staff in Multiple Disciplines

MRIGlobal's plant biomarker staff have expertise in plant chemistry and physiology, proteomics, cultivation research, method development and validation, and data processing and interpretation.

Our resident experts provide additional resources in the following areas:

- + Toxicology
- + Biodefense
- + Entomology
- + Microbiology
- + Molecular biology
- + Immunology
- + Genetics
- + Virology
- + Applied engineering
- + Statistics

Diverse capabilities

- + Cultivation research in controlled growth chambers, greenhouse and outdoors
- + Small molecule, peptide, and protein detection
- + Analysis by MALDI-TOF/MS and LC/MS/MS
- + Biochemical separation using HPLC and gel electrophoresis
- + Peptide mass mapping and protein identification

Quality Assurance

MRIGlobal ensures that research services, materials, and information provided to sponsors are documented and defensible, and that all contractual requirements are met. The QA program, administered by an independent section within MRIGlobal, is an integral part of all project work. It ensures that all regulated work conforms to EPA GLP and FDA cGMP, cGCP, and GLP regulations.

Field Stations

In addition to MRIGlobal's main laboratories in Kansas City, the Institute conducts research at two secure field stations in Missouri. Our Natural Products and Nutritional Research Center at the Butler Field Station in Bates County is a 160-acre facility where agronomic and horticultural research projects are conducted. The Deramus Field Station is a 78-acre site in nearby Grandview with 17,500 ft² of laboratory space in six special-purpose buildings where microencapsulation, pelleting, and plant growth research is conducted.



MRIGlobal's Deramus Field Station



MRIGlobal's Natural Products and Nutritional Research Center