



WHO WE ARE

Biomere is a preclinical CRO based in Worcester, MA providing a personalized and customer-focused approach to drug discovery delivering our clients with innovative, timely and cost-efficient solutions.

FACILITY

Our newly renovated, state-of-the-art preclinical facilities include over 90,000 square feet of space supporting a wide variety of programs performed in rodents to NHPs. Our small animal program includes a "shower in" barrier facility as well as procedure rooms and resources dedicated to support our client's programs. We are staffed with a team of outstanding technical and professional scientists working in a culture and atmosphere of partnership and collaboration that is focused on customer service.

GRANTS/ACCREDITATIONS

Unique in the industry, Biomere's scientific expertise has been recognized by awards of over \$26MM in USPHS grants and contracts.

Biomere has maintained an Assurance of Compliance with OLAW since 1999, AAALAC-accreditation since 2006, and has been registered with the USDA since 2008.

STAFF

The success of our recent expansion has resulted in significant growth to where Biomere now has close to 90 full-time employees. Senior management includes veterans of the drug development and CRO industries. Our scientists are complimented by six full-time veterinarians that in collaboration with our technical teams are experienced in conducting simple to complex projects for our Sponsors.

STUDIES

Since 2014, Biomere has used thousands of rodents in hundreds of studies across a variety of therapeutic areas. Biomere's non-human primate program was launched in 2011 with the acquisition of a breeding colony of marmosets. Since then, Biomere has expanded the NHP program to include macaques including both rhesus and cynomolgus monkeys, as well. With a dedicated team of experts and our unique approach, the program has grown rapidly to include general, dedicated and specialized colonies of naïve and non-naïve animals, including a colony of CSF ported animals. We routinely collect and ship samples annually. We are experienced in standard as well as novel routes of administration including intratracheal, intrathecal, intra-articular, intravitreal, nebulization and intracranial.

Our animal behavior and enrichment program is a standard in the industry and paramount to the success of our NHP program. All studies in rodents and NHPs have focused on discovery-based services which include efficacy, toxicology, pharmacokinetics, pharmacodynamics, and ADME in normal and disease models. Biomere's facilities also include a fully equipped in vitro laboratory staffed with an outstanding technical and professional team. Our in vitro services include but are not limited to; RNA/DNA purification, real time PCR, genotyping to downstream analysis, ELISA, clinical pathology, isolation/culture and flow cytometry.



PHARMACOLOGY MODELS

AUTOIMMUNE DISEASE

- Type 1 Diabetes
- Systemic Lupus Erythematosus
 - Rheumatoid Arthritis
- Inflammatory bowel disease
 - Multiple Sclerosis
- Graft-versus-host disease

NEURO-DEGENERATIVE DISEASE

- Multiple Sclerosis
- Amyotrophic Lateral Sclerosis
 - Neuropathies
 - Encephalopathies
- Transgenic rat models of CNS

METABOLIC DISEASE

- Type 2 Diabetes
- Metabolic Syndrome (Obesity and diabetic complications)

INFLAMMATION AND PAIN

- Delayed Type Hypersensitivity
 - Osteoarthritis
- Lipopolysaccharides (LPS)
 - Capsaicin
 - Formalin

NUCLEIC ACID PROGRAMS

- ROA (Intraarticular, Intrathecal, Intravitreal, Intratracheal)
 - Aerosol (Microsprayer, Nebulizer)

VIROLOGY

- Virus Infection
- Vaccines/Antiviral

OPHTHALMOLOGY