

MTI

Express Biomarkers™



Expediting biomarker validation

MTI's Express Biomarkers™ program validates new biomarkers in clinical populations. The program offers **comprehensive biomarker validation** to identify the accuracy of your panel, from clinical trial design and execution, to data analysis and customized clinical data packages. With this full service offering we will work with you to come up with a program that is **tailor-made to suit your biomarker validation needs**.

Unique Concentration of Biomarker Development Expertise and Resources

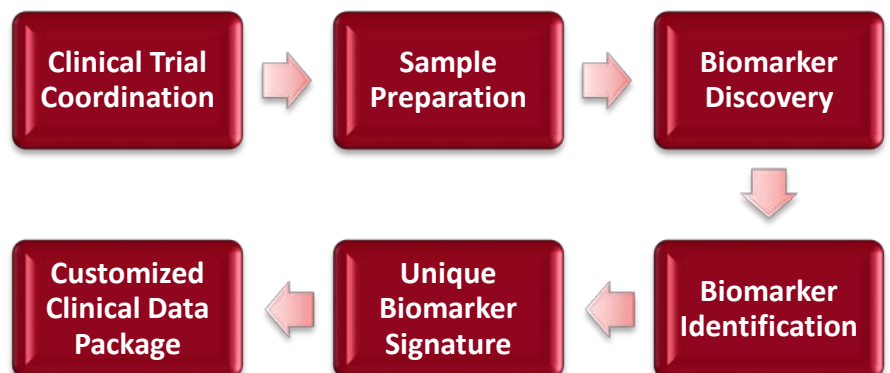
MTI's Express Biomarkers has access to one of Canada's largest integrated academic health regions.

With access to 13 hospitals and 6 primary care centers in Alberta as well as over 250 qualified clinicians in all health disciplines, we are able to deliver targeted patient populations for complex trials and accelerate the

clinical validation of your product. Our flexible clinical trial services range from protocol consultation and design to clinical trial execution with experienced research coordinators in a GLP-compliant facility.

Accelerate Clinical Validation of your Biomarkers and Shorten your Time to Market

MTI's Express Biomarkers has access to an automated biosample repository that provides efficient and robust biosample processing, management, storage and retrieval infrastructure.



Comprehensive Multi-omics Solution to Expedite Biomarker Discovery, Identification, and Application

MTI's Express Biomarkers program has access to unique combination of infrastructure and analytical tools to perform a wide range of cutting-edge **multi-omics studies** for clinical trials research. In addition to GC-MS, HPLC-MS, and NMR access, through this program we are able to offer our clients high-level bioinformatics analysis including data mining, visualization, and interpretation.

Our customized services are many times faster, more quantitative, and far more comprehensive than any other facility in North America.

We summarize and present these findings in a **comprehensive Clinical Data Package**.

Our Extensive Services make it possible to validate your Biomarkers Efficiently and Cost Effectively

Suitable applications include:

- Biomarker discovery
- Metabolite profiling
- Data validation
- Mode of action studies
- Drug toxicity in animals and man
- Diagnosis and course of clinical diseases
- Effects of therapeutic intervention
- Impact of nutrition and lifestyle changes
- Personalized small molecule detection



CONTACT

David Chang, PhD

Director of Technology

E: David.Chang@MetabolomicTechnologies.ca

Phone: +1.780.245.0865

Rae Foshaug

Manager of Clinical Operations

E: Rae.Foshaug@MetabolomicTechnologies.ca

Phone: +1.780.492.2925