



ProLytics

Research Synergies Inc.

SERVICES

MISSION STATEMENT

To help R & D companies achieve their scientific goals using state of the art scientific techniques.

Our skilled researchers have decades of expertise ranging from analytical chemistry and molecular biology to bioinformatics and fermentation science. They operate highly specialized laboratory equipment and use advanced techniques to address your scientific needs.

For clients who have gaps in human resources, research facilities or equipment, our experts will guide your project from start to finish or anywhere in between. A personalized proposal to achieve your goals may include experimental design, an analytics and data consultation plans, budgeting, milestones, and timelines.

Location: Peterborough, Ontario, Canada



Website: ProLytics-Inc.com

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BIOINFORMATICS & OMICS

Discover what can be unlocked from within. With state-of-the-art instruments, we can perform targeted or untargeted metabolomics and proteomics. Our experienced staff will perform post-hoc analyses to find meaningful patterns in your data to enable informed decisions.

EXPERIMENTAL DESIGN

Our scientists have the expertise to design your research experiments. They will build a customized program that will allow you to achieve your desired milestones. Decades of experience will lead to a professional and cost-effective experimental design.

CHEMICAL ANALYSIS

Client needs direct the type of tests required for compound analyses and/or purification. Mindful of budgets and timelines, we will source the facilities that are specifically matched to your project goals.

FERMENTATION SCIENCE

Whether flask or bioreactor scale, our team of fermentation scientists will optimize your media and process, to make it pilot-ready for pilot runs. Whether it's an organism being grown for protein expression, precision fermentation or cellular agriculture, our team can help optimize the growth of your organism efficiently.

FOOD TECHNOLOGY

Make the most of your food products by leveraging smart and efficient analytics for numerous metabolites, proteins, fats, and customized molecules. Leverage our network to characterize the physical and chemical make-up of your products.

BIOCHEMISTRY & MOLECULAR BIOLOGY

Delve into the smallest details to make the biggest changes. Our services range from cloning, heterologous protein expression, enzyme kinetics, DNA/mRNA printing, RNA/DNA extraction/purification/sequencing, PCR/qPCR and genotyping.

DATA CONSULTATION

Our services go well beyond data reporting. Many of our projects are customized undertakings and our professional scientists will ensure your data is interpretable and formatted to drive impact.