

Natural Health Products Expertise in Metabolic Health

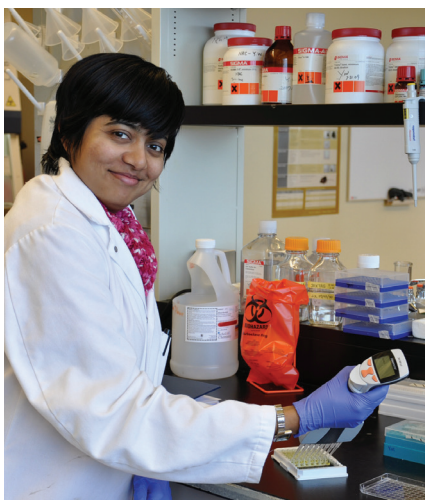
NRC-CMRC

Aquatic and Crop Resource Development

Leverage NRC's expertise

Go beyond your core talent with NRC's Natural Health Products (NHP) program. When you supplement your experts and capabilities with ours, you enlist an ally committed to—and measured by—your success.

Fortify your team with NRC's NHP expertise to co-develop new and differentiated products, all backed by science. We can enable you to expand your existing product lines, create value from waste streams and shorten your product development cycles.



Cut through the complexity

Metabolic health involves a complicated mix of risk factors, ranging from diet and lifestyle, to genetics and the environment. Developing innovative products to address metabolic health, obesity, diabetes and hyperlipidemia/dyslipidemia can be equally complex.



Overcome those challenges and complement your NHP team by adding NRC as a preclinical research ally. Collaborate with NRC to:

- co-develop safe, differentiated and effective NHPs
- demonstrate Canadian quality
- pinpoint product potential to address rising health concerns
- increase your sales revenue

Let us share our expertise, specialized equipment, research technologies and processes to help you solve the technical challenges you face in new

product introduction and obtaining health claims. We can also contribute to reducing your product-development risks before you invest in expensive safety studies and clinical trials.

Our preclinical studies and scientific evidence can assist you with ensuring compliance in today's increasingly regulated NHP environment. With these essential steps behind you, broader market opportunities open up for your products. We will also aim to shorten your product development cycle to present you with first-to-market benefits as well as R&D savings.



National Research
Council Canada

Conseil national de
recherches Canada

Canada

Natural Health Products Program

The NRC advantage

Aside from developing and commercializing approved NHPs and novel ingredients, you want to outpace your global competition. NRC can help.

Metabolic health expertise

Through the NHP program, you will benefit from access to highly skilled researchers with extensive experience in bioavailability, lipid reduction, obesity, diabetes, insulin resistance and inflammation. Our researchers can:

- investigate efficacy and evaluate safety (adverse effects or toxicity)
- conduct studies to determine ideal formulation and optimal doses
- identify mechanism of action
- provide insight into delivery mechanisms

Metabolic health technology capabilities

- Cell lines: human or mouse intestine, liver, adipose and muscle
- *In-vivo* models of genetic and diet-induced obesity, insulin-resistance, diabetes and hyperlipidemia
- Genes, proteins and enzymes for absorption regulation, synthesis,

Contact

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distribution or metabolism of carbohydrates/glucose, cholesterol, fat, bile and more

- Biomarkers and histology
- Custom high-content screening assays to identify ingredient bioactivity

Depend on NRC to accelerate your product introductions of NHPs and functional ingredients related to metabolic health, hyperlipidemia/dyslipidemia, obesity and diabetes.

Get started today

Contact NRC to discuss product co-development opportunities, unique research technologies or technical services that match NRC capabilities to your specific research and product needs.

