

# MICROBIAL R&D HUB ACCELERATING BIOLOGICAL INNOVATION

## ABOUT LIFELORE PATHWAYS

We are a **biotech accelerator** dedicated to early-stage microbial innovation.

Based in Montreal, our **GMP-compatible** facility provides the agility, infrastructure, and expertise to transform early discoveries into scalable, compliant prototypes.



## OUR MISSION:

*LIFELORE EXISTS TO BRIDGE SCIENCE AND INDUSTRY, HELPING INNOVATORS TRANSFORM EARLY MICROBIAL DISCOVERIES INTO REAL-WORLD IMPACT*

## EXPERTISE:

LifeLore operates across three core domains:

- Biologics & enzymes: microbial systems for healthcare and diagnostics.
- Precision-fermented proteins: animal-free proteins for food, nutrition, and cosmetics.
- Industrial & specialty ferments: microbial inputs for agriculture, bioremediation, and advanced materials.

## WHY PARTNER WITH LIFELORE:

AGILITY & SCIENTIFIC RIGOR

INFRASTRUCTURE  
ADVANTAGE

INDUSTRIAL READINESS

COLLABORATIVE MODEL

## SERVICES

LifeLore provides end-to-end microbial R&D infrastructure from strain discovery to pilot-scale production (5 L → 2 000 L).

### Capabilities include:

- Project design & consulting (feasibility, IP, regulatory insight)
- Strain optimization (bacteria, fungi, phages)
- Fermentation and downstream processing (spray/freeze drying, filtration, centrifugation) Analytical & biological testing (genomics, enzyme activity, metabolite profiling)
- Product safety & regulatory readiness (stability, GMP evaluation)
- Collaboration models range from fee-for-service to co-development or licensing, giving partners multiple paths to innovation.