



# Biotechnology and Genomics Partnership

Loyalist College is well known for its research and support for industry and community partners in cannabis and natural products research.

Canadore is well known for its research and support within genomics and use of high-tech equipment in sequencing. Team expertise includes nutrition, metagenomics, epigenetics, cancer biology, transcriptomics, bioinformatics, pathophysiology, instructional design, cannabis research.

Ontario Genomics is well known for building genomics capacity alongside researchers from across academic institutions, including colleges, as well as small and large companies, not-for-profits, and governments. They lead the creation of public-private and public-public partnerships that drive multi-sector economic growth, improved quality of life and global leadership for Ontario.



## Areas of Applied Research and Interests:

- Agri-Food Sector
- Water and Wastewater Management
- Environmental eDNA surveys
- Small panel genomic analysis
- Protocol development
- Community research hub
- Cannabis and Natural Products



## Partner Services:

- Product formulation
- Literature reviews
- Green extraction
- Method/process optimization
- Benchmarking and quality analysis
- Tissue culture and cultivation
- Small molecule and protein production
- RapidScreen (private Covid testing)
- Grant Writing and support



## Training Services:

Our training services for employers and partners include:

- Research methods
- Testing methods and processes
- Quality assurance, compliance and GPP
- Lab skills and instrumentation
- Expedient learning
- Workshops on industry topics