

# Quebec: Catalyst for RNA Innovation

By aligning industry and academia, with support from Government, Quebec is a leader in innovation and a dynamic RNA biotechnology hub offering a fully integrated invention-to-commercialization pipeline.

Quebec and Canada remain high-value destinations for RNA research, innovation, investment, production and talents.

## Quebec's Life Sciences Ecosystem at a glance



**A major hub for pharmaceutical industry and a critical mass of manufacturing capabilities**  
1,500+ companies  
(including 60+ CROs)



**A highly qualified pool of workers for the life sciences sector**  
45,000+ jobs



**Strong public policies to support R&D and attractive operating costs and incentives**  
Québec \$211M+ (2022-2025)  
Canada \$2.2B+ (2021-2028)



**An interconnected and collaborative ecosystem focused on innovation**  
300+ research and innovation centers



**A robust, predictable Canadian regulatory framework open to innovation**  
10 RNA therapies approved in Canada

## Quebec's RNA Therapies Sector - Overview and Strengths

**250+**

Researchers

**6**

Universities

**30+**

Research  
Service Platforms

**35**

Biotechs & Pharmas (23)  
CROs (9) - CDMOs(3)

**550+**

Investments

**40**

Supporting  
organizations

### World-Class Research Institutions and Expertise

Supported by leading institutions with cutting-edge expertise in RNA science.

### Strong Public and Private Investment to accelerate RNA innovation and capabilities

McGill D2R initiative (+\$356M)  
AReNA (+\$30M) Moderna (+\$173M)

### One stop shop for new RNA-based therapies

Advanced preclinical, biomanufacturing and clinical capabilities ensuring end-to-end RNA production and validation

### Collaborative Industry-Academia Model to bridge the R&D-to-Commercialization Gap

Focus on partnerships and funding programs to bring RNA innovations to market.

### Specialized RNA training programs

To build a skilled workforce for biotech and pharmaceutical industries.

### AI & RNA Drug discovery

One of the world's leading AI ecosystem, integrating AI-driven RNA drug discovery

# Opportunities for Collaborations



## For Startups & Entrepreneurs

- Business acceleration through a dedicated entrepreneurship program, **providing mentorship and funding.**
- Facilitated access to **venture capital and government grants.**
- Integration into a **highly specialized RNA innovation cluster.**



## For Biotech and Pharmaceutical companies

- **Access to a portfolio of technologies** for licensing opportunities
- **De-risked funding opportunities** through public-private partnerships.
- Opportunity to partner with **world-class researchers and companies.**
- **State-of-the-art preclinical and biomanufacturing capabilities** for RNA-based product development.
- **Expertise in clinical trials** with different sites and different modalities (mRNA, siRNA and ASO)
- **Talent pipeline and workforce training** programs tailored for RNA therapies.
- Government-backed **economic incentives** and tax credits for R&D.



## For Investors

- Access to an **emerging RNA therapeutics market** with global scalability.

Learn More About Us!



[arenapole.ca/collaboration-opportunities](https://arenapole.ca/collaboration-opportunities)