

PROJECT SNAPSHOT

8B: Canada's Role in Supporting Antibiotic R&D

Pillar: Treatment Optimization

Theme: Policy, Economics & Sustainability

Keywords: Antibiotics; Research and Development; Canada



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AIM

We aim to provide policy guidance for federal and provincial governments as to how Canada should support innovation in antibiotics.

WHY IS THIS IMPORTANT?

Many high-income countries are making significant investments in alternative mechanisms to support antibiotic R&D such as market entry rewards, CARB-X, and GARDP. Canada has stayed on the fringes of this international effort.

OUTCOMES

Research papers leading to policy journals that help inform Canadian policy-makers.

RESEARCH QUESTIONS

- 1 Among the international initiatives, which would be most effective for Canada to join?
- 2 How should we weigh direct Canadian industrial spin-off benefits relative to progress in antibiotic research?
- 3 Should Canada offer its own “made in Canada” solution?

OUR APPROACH

- 1 Literature review of international drug development mechanisms.
- 2 Structured interviews of policy makers in Canada and antibiotic organization management.
- 3 Extension of literature from other industrial R&D models.

ALIGNMENT WITH THE AMR - ONE HEALTH CONSORTIUM

KNOWLEDGE & TECHNOLOGY EXCHANGE AND EXPLOITATION

- Informing policy
- Partnership with the commercial sector

TRAINING OF HIGHLY QUALIFIED PERSONNEL

- 1 PhD
- 2 MSc

AFFILIATIONS:

