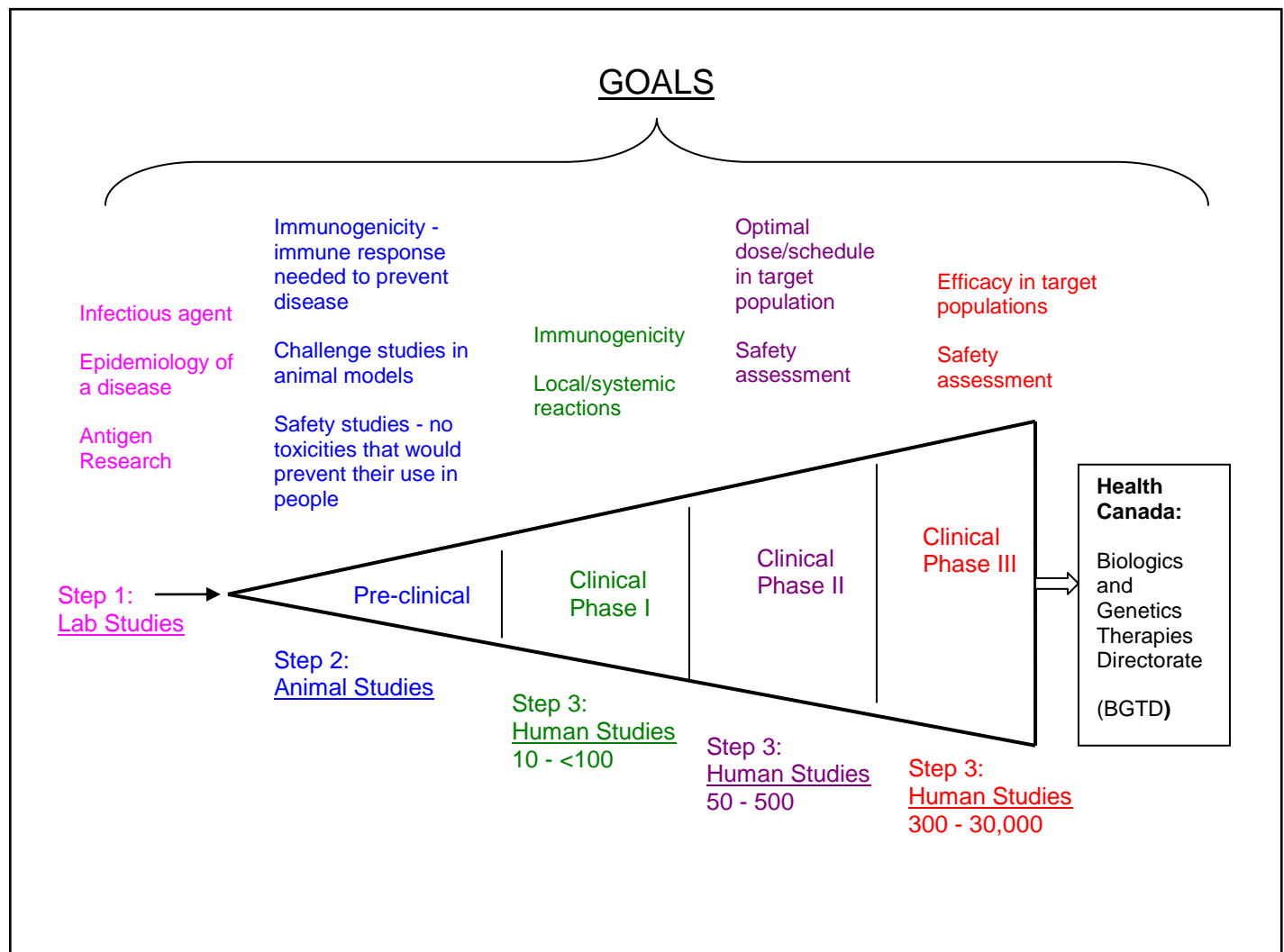


Vaccine Development and Licensing

Vaccine Development

- Vaccines must be thoroughly tested before they can be called safe and effective for human use.
- It can take up to 10 years to test and develop a vaccine.
- Figure 1: Stages of Vaccine Development describes the stages of vaccine development from the lab to Health Canada approval.

Figure 1: Stages of Vaccine Development



Canadian Vaccine Licensing

When the pharmaceutical company has successfully conducted the lab studies, animal studies, and human studies, the vaccine must meet Canadian licensing standards before the vaccine can be considered for use in Canada.

The Biologics and Genetic Therapies Directorate (BGTD) under Health Canada is the Canadian authority that regulates biological drugs (products derived from living sources) for human use.

Figure 2: Canadian Vaccine Licensing

