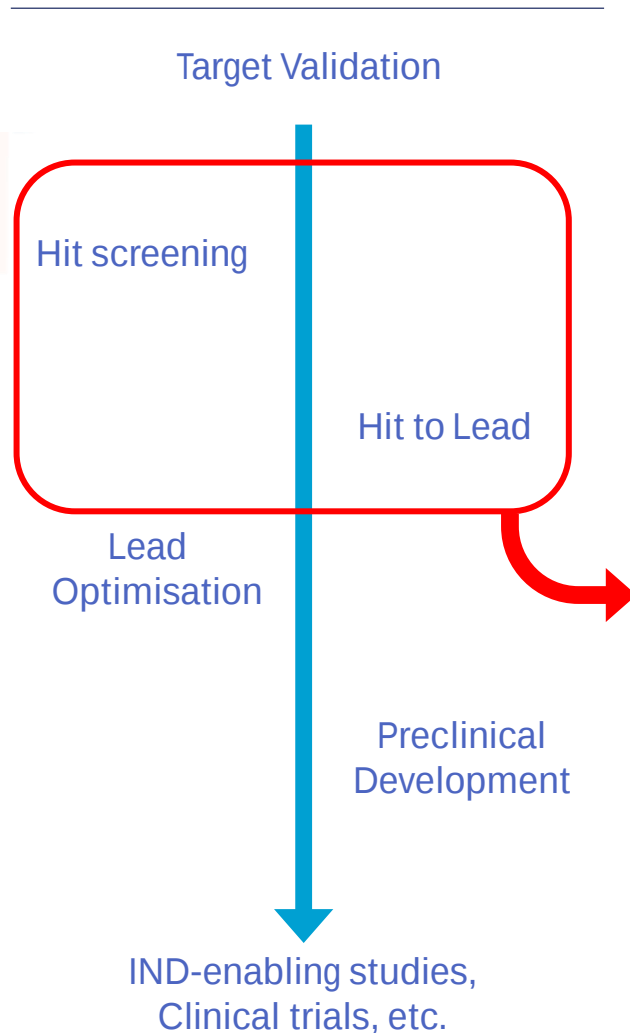


Metabolic Acid

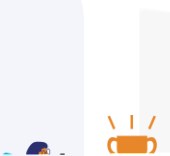




To accelerate the development of an RNA asset to Investigational New Drug (IND) filing and approval within a desired timeframe of ~3-4 years



Hit2Lead will support RNA drug development from hit generation to achieve lead compounds in 1 - 2 years.

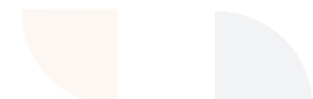


Target ID & Validation

Hit

Target ID & Validation

Hit Screening





-
- and significant benefit to current standard of care
- and many opportunities



- of a path towards first-in-human use
- Adequate knowledge of



- with strong hypothesis of MoA
- with strong understanding of prior art
- or plan for toxicity study



- Strong opportunities to create
- Possibilities of

- The TPP outlines the desired ‘profile’ or characteristic of a target product that is aimed at a particular disease or diseases
- The TPP guides all of the disciplines involved in progressing a candidate from
- The TPP is a living document: it should be reviewed at each stage of development to ensure the modality and indication remain viable against competitors on the market or in development
- Valuable tool, developed by FDA, to facilitate conversation between the regulator and sponsor

1. [Target Product Profiles in Pharmaceutical Development by KPMG](#)
2. [Clinical Trial Endpoints for the Approval of Cancer Drugs and Biologics from FDA](#)
3. [Health technology assessment - Global \(who.int\)](#)

Deliverables	Party responsible	Y1 Q1	Y1 Q2	Y1 Q3	Y1 Q4
Stage 1					
Workstream/Deliverable 1.1 e.g. Data driven RNA drug design					
Workstream/Deliverable 1.2 e.g. HT hit synthesis and screening					
Workstream/Deliverable 1.3					
Workstream/Deliverable 1.4					
<u>Stage Gate</u>					



Up to S\$2.5 Million (incl. 30% indirect costs)

1 year

Singapore Public Sector Researchers (refer to slide 13 for full criteria)

29 Oct 2024, 12pm

To support the development of RNA drug projects with validated targets to achieve lead compound optimisation in 1-2 years

Email completed proposal, endorsement from Director of Research and budget sheet to enquiry@nati.sg



- Lead Investigator submits proposal to enquiry@nati.sg by deadline
- Deadlines will be communicated in every thematic Call for Proposals
- Lead Investigator may be invited to present
- Outcome of review will be communicated to the Lead Investigator within 5 – 6 months of proposal submission
- After final budget review, successful applicants will be issued In-Principle Approval and subsequently a Letter of Award

enquiry@nati.sg