

National Health Innovation Centre Singapore

October 2017



National Health Innovation Centre Singapore

Provide Singapore's clinical research sector with translational funding and strategic guidance to stimulate healthcare innovation and commercialisation

COMMERCIALISATION

*Licensing
Spin outs
Commercial Collaborations*

FOLLOW-ON FUNDING

*Translational funding
Incubator
Industry co-development*

NHIC National Health
Innovation Centre

Innovation
To
Protect
(I2P)

Innovation
To
Develop
(I2D)

Innovation
To
Industry
(I2I)

Clinician-led projects with **healthcare impact** and **commercial potential**



1. Innovation to Protect (I2P)

Funding the patent expenses of innovations



I2P Grant Application

Innovation To Protect (I2P)

Funding for Healthcare Institution IP expenses

Requirements

- Healthcare impact
- Commercial potential
- Preliminary data demonstrating proof of concept
- Ongoing development

Eligibility

Applicant must hold a primary appointment in a

- local public hospital
 - public health institution
 - national specialty centre
- and be salaried by the institution

Grant Quantum

- Up to \$40K - quantum varies with stage of patenting (i.e. First filing, PCT, National Phase, Prosecution, Grant, Maintenance)

Grant Frequency

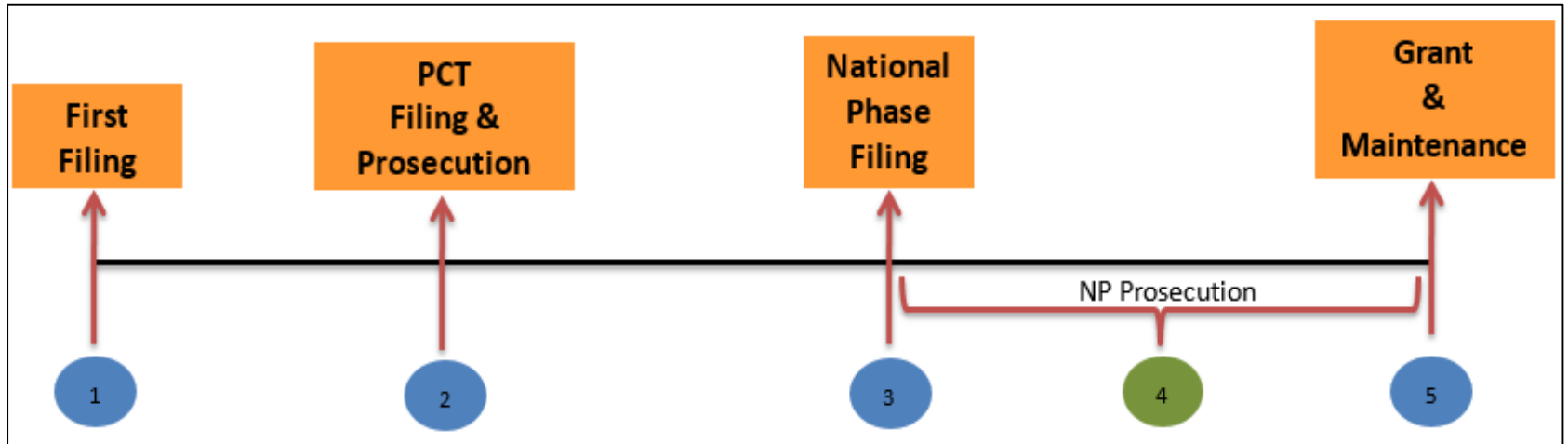
- Open for application throughout the year
- Apply prior to patent filing

Submission Mode

- Via IP/Research/Innovation Office of your Cluster
- Email to: ip@nhic.sg

NHIC does not take ownership of IP, nor recover expenses/take revenue share

I2P Grant Structure & Quantum



Stage #	Stage Description	I2P Grant Duration (Letter of Award)	I2P Grant Quantum (when host institution owns >50% of IP)	I2P Grant Quantum (when host institution owns ≤ 50% of IP)
1	First Filing	6 months	\$10,000	\$5,000
2	PCT Filing & Prosecution	12 months	\$30,000	\$15,000
3	National Phase (NP)	12 months	\$40,000 for 2 territories	\$20,000 for 2 territories
4	NP Prosecution	12 months	\$20,000	\$10,000
5	Grant & Maintenance	6 months	\$5,000	\$2,500

2. Innovation to Develop (I2D)

Funding the development of commercially-attractive innovations



I2D Grant Application

Innovation To Develop (I2D)

\$250K for 1 year

Requirements

- Healthcare impact
- Commercial potential
- Preliminary data demonstrating proof of concept
- Ambitious deliverable development plan

Eligibility

Principal Investigator must hold primary appointment in a

- local public hospital
 - public health institution
 - national specialty centre
 - academic medical school/centre
- and be salaried by the institution

Grant Quantum

- Capped at S\$250,000 (inclusive of max. 20% IRC)

Grant Frequency

2017: 1st December

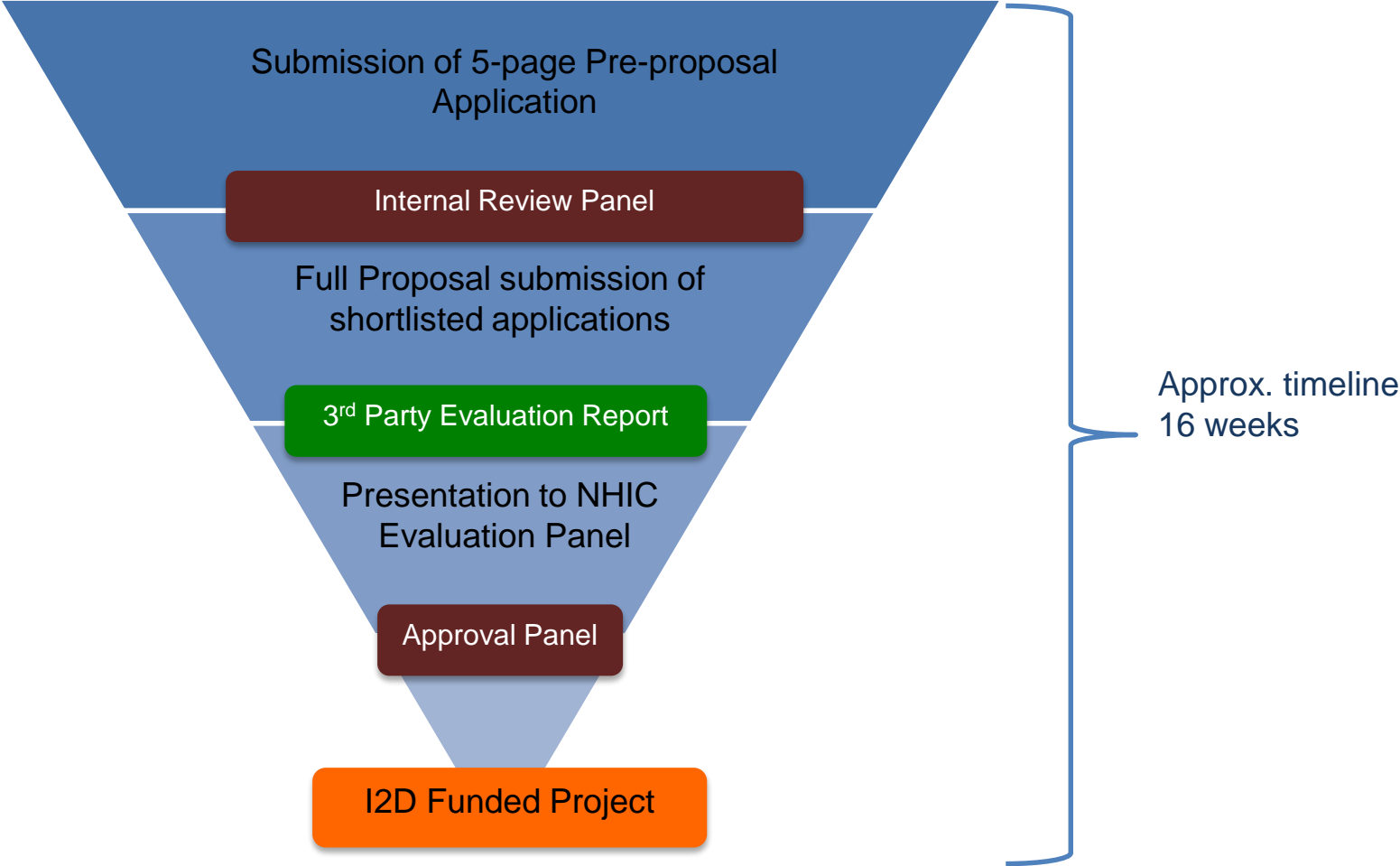
2018: 6th April, 3rd August, 7th December

Submission mode

- Via Research Office of Institution/Cluster
- Email to: grant@nhic.sg

NHIC does not take ownership of IP, nor recover expenses/take revenue share

I2D Grant Process Flow



3. Innovation to Industry (I2I) Scheme

Co-development of innovative healthcare innovations with industry



I2I Grant Application

Innovation To Industry (I2I)

\$250K for 1 year

Requirements

- Healthcare impact
- Commercial potential
- Successfully completed I2D grant
- Committed industry partner who will be licensee

Eligibility

Principal Investigator must hold primary appointment in a

- local public hospital
 - public health institution
 - national specialty centre
 - academic medical school/centre
- and be salaried by the institution

Grant Quantum

- Capped at S\$250,000 (inclusive of max. 20% IRC)

Grant Frequency

- Application **by invitation only**

Submission mode

- Via Research Office of Institution/Cluster

NHIC does not take ownership of IP, nor recover expenses/take revenue share

Innovation to Industry (I2I) Grant

Industry Partner

Eligibility

- A registered Singaporean company or a company with a Singapore-based R&D or manufacturing site.
- Where a suitable company is not present in Singapore, an overseas company may be used, upon strong justification by the applicants and subject to prior approval by NHIC.
- A nominated individual from the Industry Partner must be listed as the I2I Project Partner.

Commitment

- Commitment of cash/in-kind support to the I2I Project AND
- Significant commitment of expertise for the duration of the Project AND
- Should the Project achieve the mutually agreed milestones/targets, **legally binding commitment** by the Industry Partner (or by or on behalf of an associated vehicle) to license the Intellectual Property from the Institution.
- I2I grant funds cannot directly or indirectly flow to the Industry Partner.

Strategic Pathway to Accelerate Innovations

Research/Concept

Development

Commercialisation

Feasibility studies and pilot projects from Healthcare Clusters



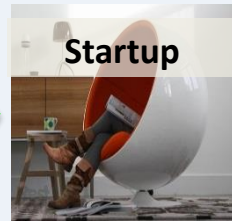
NHIC National Health Innovation Centre



Innovation to Develop (I2D)

Funding the development of commercially-attractive innovations

Startup Pathway



Startup



Licensing

Licensing Pathway



Drug discovery & development

Drug Discovery Pathway

NHIC supports your Innovation Journey

MENTORING

We mentor project teams to drive translation of healthcare innovations with commercial potential



PARTNERSHIP

We partner within Singapore's ecosystem to maximize the impact of our translational funding



ACCELERATING **HEALTHCARE** INNOVATION

www.nhic.sg

NHIC Website

www.nhic.sg



National Health Innovation Centre Singapore

The National Health Innovation Centre Singapore provides the publicly-funded clinical research sector of Singapore with translational funding and strategic guidance to accelerate healthcare innovation. Established in 2014, we support the development of innovative technologies and services to improve healthcare delivery and patient care. NHIC funding aims to expedite the translation of an innovation towards a market-ready product (see [How we work](#)).

NHIC funding schemes

Our three funding streams are for projects which address an unmet healthcare need and have demonstrated 'proof-of-principle' supported by experimental data. Each scheme targets different stages of the innovation development pipeline and all propos-

RECENT NEWS

[plano®: A Parental Management App for Safe Smart Device Use](#)
Sep 15, 2017

[New Hope for Treating Fibrotic Diseases](#)
Sep 12, 2017

[NHIC Breakout Session at SCRI 3rd Annual Scientific Symposium 2017](#)
Aug 29, 2017



Resources

Forms

I2P Forms	
NHIC I2P Grant Application Form	Download
NHIC I2P Invention Disclosure Form	Download
NHIC I2P Reimbursement Claims Form	Download
NHIC I2P Grant Extension Form	Download
NHIC I2P Grant Closure Form	Download

I2D Forms	
NHIC I2D Pre-Proposal Application Form	Download
NHIC I2D Full Proposal Application Form	Download



MedTech Showcase



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[Biomarker for Rapid Diagnosis and Prediction of Severity of Acute Pneumonia](#)

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- Funding schemes
- Application documents
- How we work
- Funded projects
- News
- Our team and partners



Thank you

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