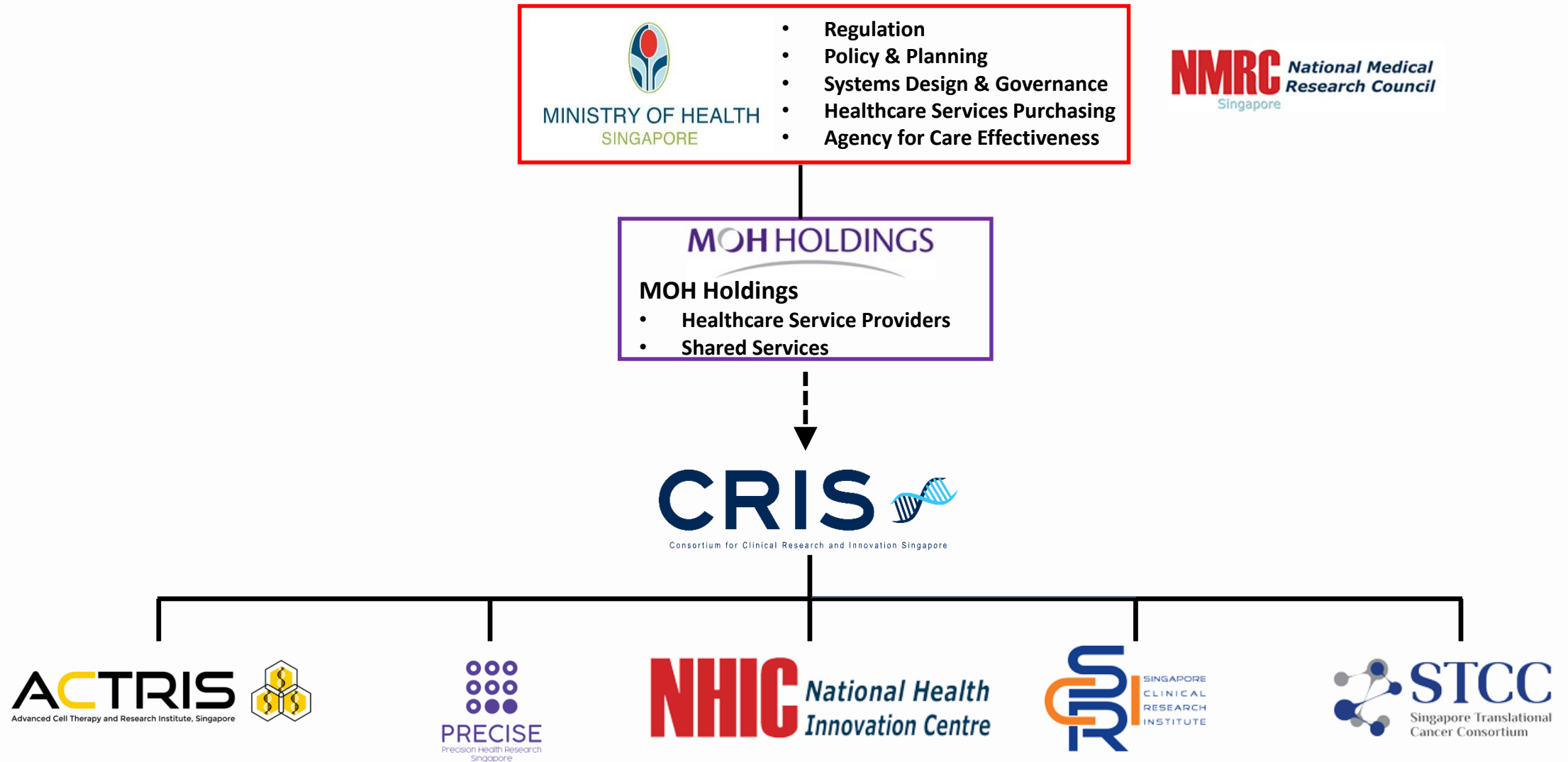

NATIONAL HEALTH INNOVATION CENTRE SINGAPORE

An Innovation & Enterprise Office (IEO)
for Public Healthcare Institutions



PART OF THE MINISTRY OF HEALTH FAMILY





NATIONAL HEALTH INNOVATION CENTRE

We provide the publicly-funded clinical research sector of Singapore with **translational funding** and **strategic guidance** to accelerate healthcare innovation and commercialisation.

OUR VISION

Singapore as a leading hub for **health innovation & enterprise** in Asia

OUR MISSION

Drive impactful health and economic outcomes for Singapore by **catalyzing** innovation and enterprise endeavours in the healthcare research community through public and industry **partnerships**

OUR VALUE PROPOSITION



FUNDING



MENTORING



PARTNERSHIP

NHIC Supports clinical-led innovation to accelerate translation, commercialisation and healthcare delivery



FUNDING

Support IP protection & innovation development



MENTORING

Guide clinical innovators on commercialisation strategies



PARTNERSHIP

Forge partnerships between healthcare institutions & industries

IDEATION

DEVELOPMENT

COMMERCIALISATION

ADOPTION

Innovation to Protect - I2P

Funds the patent expenses of innovations

Innovation to Startup - I2START

Brings together resources to support start-ups at Institutions

Adoption Support Scheme

in partnership with ESG and MOH

Provides support of pilot and/or early adoption

Joint MedTech Grant - JMT

Support exploratory efforts for early-stage innovations

Innovation to Develop - I2D

Develops commercially-attractive innovations

Innovation to Industry - I2I

Supports co-development with an industry partner

Portfolio companies



Innovation to Protect Grant (I2P)

Funding patent expenses for inventions.

Eligibility Criteria

- Applicant must be Head / Deputy Director / Director of the healthcare cluster designated office
- Applicant applies on behalf of inventors that hold a primary appointment at:
 - local public hospital or
 - public health institution or
 - national specialty centre

Healthcare Cluster Designated Office

NHG Group Research

NUHS Research Office

SingHealth Office of Intellectual Property (SHIP)

Funding Criteria

- Strong patentability
- Technology development plan
- Commercialisation strategy



Open

Throughout the year



Up to \$40,000

Depending on:

- Stage of patent protection
- Ownership ratio



**6 – 12
months**

Depending on stage
of patent protection



Submission

via designated office
of healthcare cluster

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

Innovation to Develop Grant (I2D)

Funding for development of a healthcare innovation to a commercialisable endpoint.

Eligibility Criteria

Principal Investigator must hold primary appointment in a

- local public hospital or
- public health institution or
- national specialty centre or
- academic medical school

and be salaried by the institution



Funding Criteria

- Healthcare impact
- Commercial potential
- Strong preliminary data
- Technology development plan



3

Grant calls per year
1st Friday of:
Apr, Aug, Dec
(institutional dates may vary)



\$300,000

(inclusive of max.
30% IRC)



12 months

(max. 6 months
extension)



Submission

via designated office
of healthcare cluster

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

Innovation to Industry Grant (I2I)

Co-development of healthcare innovation with an industry partner.

Eligibility Criteria

- Successfully completed I2D funded projects (or equivalent as deemed appropriate by NHIC)
- Co-development with an industry partner to license the technology.



Funding Criteria

- Healthcare impact
- Commercial potential
- Clinical feasibility data
- Binding agreement with an industry partner as a licensee



Open

Throughout the year

Application by Invitation only



\$300,000

Awarded to institutions
(inclusive of max. 30% IRC)



12 months

(max. 6 months extension)



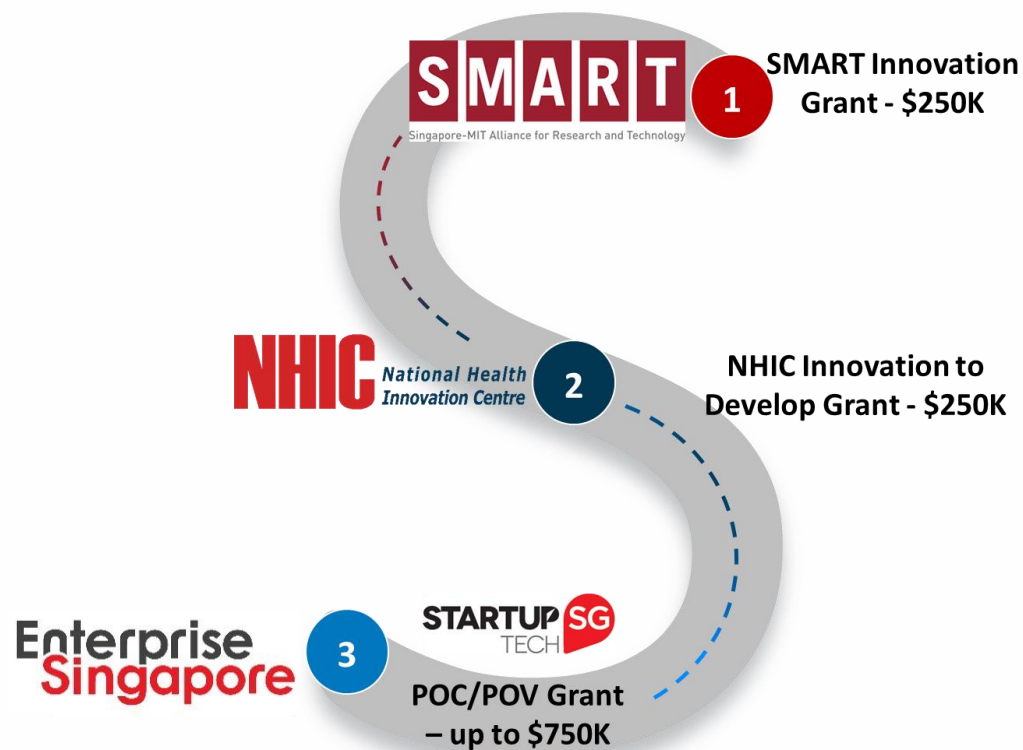
Submission

via designated office of healthcare cluster

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

Innovation to Startup (I2START)

A premium funding program targeted at HealthTech start-ups from Singapore public institutions.



The tripartite partnership between NHIC, SMART, and Enterprise Singapore strategically bring together funding and resources to support start-ups.

Eligibility Criteria

- Entry: TRL 3* and above
- Health Technologies in the following areas;
 - Clinical diagnostics
 - Medical device and products
 - Digital health
 - Life science tools, etc
- Team with the intent to start-up a company
- Team must consist of one Clinical PI and Technical PI from public institutions

Clinical PI must hold primary appointment in a

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



Open Call

Throughout the year



Letter of Intent

Submit LOI to I2Start Grant Secretariat at grant@cris.nhic.sg

National Research Foundation (NRF) Central Gap Fund (Central Gap)

A national-level platform to resource impactful and preferably collaborative projects to translate research outcomes into products, processes and/or services that generate economic and societal benefits for Singapore.

Eligible Entities

Local public hospitals, public health institutions and national specialty centres.

NHIC's Role

- NHIC is the designated Innovation and Enterprise Office (IEO) for public hospitals, public health institutions and national specialty centres.
- All Central Gap applications must be endorsed by NHIC in its capacity as IEO.

Funding Criteria

- Project scope
- Commercialisation potential
- Team composition
- Technical innovation
- Institutional support



Open

Throughout the year
Applications to be
batch processed



>\$250,000



24 months



Pre-engagement

with NHIC is required

More info please visit www.nrf.gov.sg/funding-grants/central-gap-fund

TECHNOLOGY AREAS FUNDED



DIAGNOSTICS

Diagnosis performed with the aid of AI based on imaging or sensor reading.

Biomarker based IVDs or CDx for clinical diagnostic and precision medicine applications.

MedTech

BioPharma and
Stem Cell
Therapy



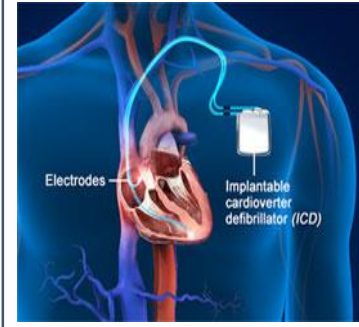
SURGERY TOOL

Use during a procedure, device that are largely mechanical.



HEALTH IT

Apps, VR/AR, Cloud, without a diagnosis.



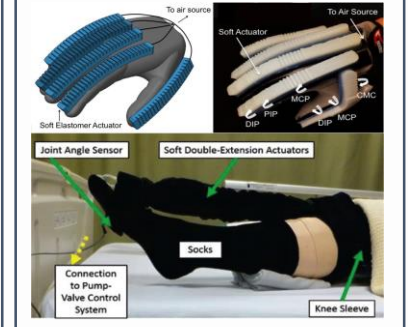
IMPLANT

Implantable devices



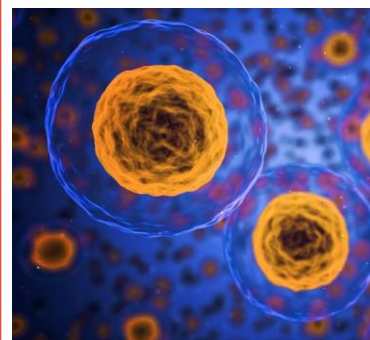
SENSORISED FEEDBACK SYSTEM

Sensor providing close loop feedback to users, semi or fully automated.



THERAPY

Therapeutic Tools



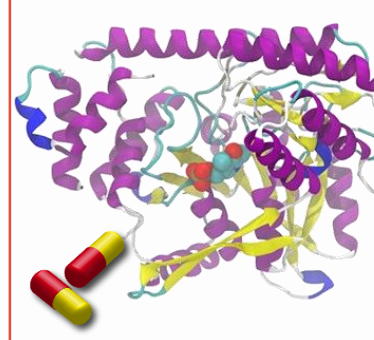
DRUG DELIVERY

Formulations, excipients and adjuvants that improve drug release, distribution and absorption profile.



SMALL MOLECULES

Small molecule drug candidates with specific druggable targets.



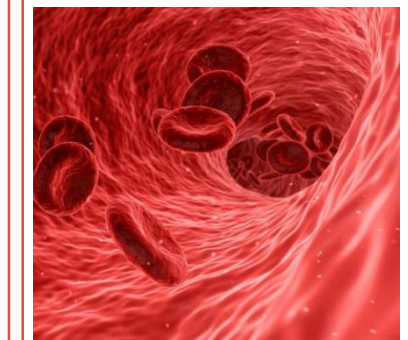
PEPTIDES/PROTEINS

Peptide and protein-based therapeutics targeting specific receptors or biomolecular interactions.



ANTIBODY

Antibody-based (mABs) therapeutics targeting immune/inflammatory systems or tumour surface antigens.



CELL THERAPY

Approaches in autologous and allogeneic stem cell transplants or adoptive cell transplants (CAR-T).

NHIC supports your Innovation Journey

NHG: Dr Chuah Yon Jin
Yonjin.chuah@nhic.cris.sg

SingHealth: Dr Tan Ee Lim
Eelim.tan@nhic.cris.sg

NUHS: Dr Yeow Siang Lin
Sianglin.yeow@nhic.cris.sg

For general enquiries, please email [**enquiry@nhic.cris.sg**](mailto:enquiry@nhic.cris.sg)

Thank you

