

Dear Friends and Colleagues,

I hope this edition of the bulletin finds you and your families well. Nothing is as important as looking after each other and supporting those around us as best we can.



## 1. **INNOVATION AT A GLANCE**

This month, our featured company is Robosolutions Pte Ltd, a young start-up company that was established in 2019 to distribute temi, a telepresence robot, in Singapore, Malaysia, and Indonesia.

Since the beginning of the COVID outbreak, CIH has facilitated the deployment of temi robots in a few healthcare facilities. If you step into the National University Hospital, you can find these temi robots interacting with patients as digital health ambassadors in the General Surgery, Maternity, Oncology and Neurology wards.

If you are interested in a product demo, please reach out to my team at [CIH@nuhs.edu.sg](mailto:CIH@nuhs.edu.sg)



## 2. **HIGHLIGHT OF THE MONTH**

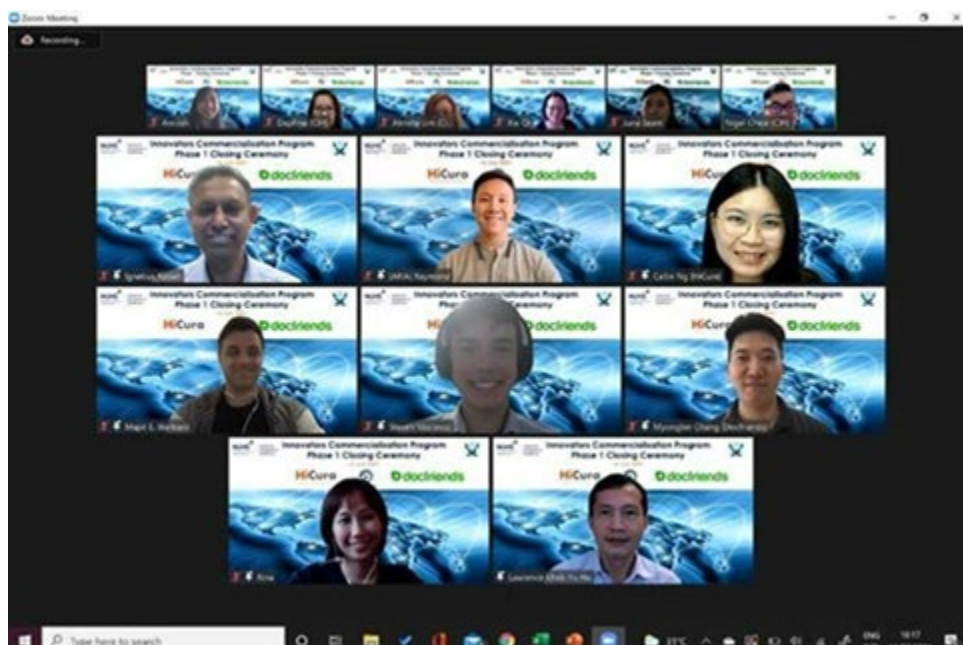
Congratulations to the inaugural batch of start-ups, [HiCura Medical Pte Ltd](#), [Microgenesis Pty Ltd](#) and [Docfriends](#), for successfully completed the Innovators Commercialisation Program ICP 2021, clinical validation program (phase 1) led by Centre for Innovation in Healthcare (CIH) in collaboration with Asia Research & Innovation Alliance (ARIA).

We believed that these start-ups teams have benefited from the mentorship that CIH has provided thus far. Some benefits from this clinical validation program have included the access to the NUH clinician experts for their user feedback and readiness to do clinical trials, the opportunity to learn from regulators, and introduction to CIH's vast network of healthtech partners.

A virtual closing ceremony was held online on 16 Jul 2021 and with that, we handed over the

baton to our partner Asia Research & Innovation Alliance (ARIA) to continue with the Phase 2 program.

ICP2021 Phase 1 video montage <https://photos.app.goo.gl/SNzRkEbwwVMRkT6G7>



Shared by #ICP2021 Inaugural Batch of Start-ups



*We have received a lot of support from the CIH team, from gathering very useful feedback from the team of anaesthesiologists in NUHS to planning out our regulatory strategy moving forward.*

*Rina and team are very approachable and helpful, and have connected us to good resources. Thank you CIH!*

**Cailin Ng,**  
Co-founder, HiCura Medical Pte Ltd



*One thing that many start-ups struggle with is finding the right partners to help execute their business plan. Particularly in MedTech, where the barriers to product market fit and the market itself are complicated by things such as regulatory approvals, clinical trials, and clinical support. Our start-up, Microgenesis, is developing the next generation of medical devices for improving the outcomes of reproductive treatments for would be parents, and while we have had successes within Australia, we initially found it difficult to make connections and strategize for overseas markets such as Europe, Singapore, and Asia.*

*The Innovators Commercialisation Program (ICP) has introduced Microgenesis to a multitude of clinical experts in reproductive healthcare, enabling us to seek opportunities outside Australia and begin collaborations beyond our reach alone. Through the program we also received invaluable advice on regulatory approval and clinical feedback on our technology. As we continue through the program we are constantly adjusting our business plan to suit the quickly evolving landscape of IVF medical devices and feel far more confident of success for having taken part. I would highly recommend joining the ICP to any med-tech start-up looking to expand their network and test their assumptions about their field.*

**Steven Vasilescu**  
CEO, Microgenesis Pty Ltd



*The two months with CIH for ICP Phase 1 has been of great help. This was a great chance for us to check the possibility and opportunity we have in Singapore's medical settings.*

*Having the chance to understand the typical medical journey and the relationship between professors and patients was helpful in understanding how our messenger platform would integrate.*

*Also, we were also able to better understand the gaps and barriers that we would need to solve to enter not only the Singapore market but also the global ASEAN market.*

*It was a very satisfactory journey, and we are happy to have joined the ICP program.*

**Myongbin Chang**  
Team Leader, DocFriends Corp



### 3. helloCIH CO-INNOVATION COMMUNITY AND NEW PARTNERSHIP

This month, we welcomed our strategic partner - [SINGAPORE BIODESIGN PROGRAMME OFFICE, A\\*STAR RESEARCH ENTITIES](#), a new member into our helloCIH collaborative community! Part of the SPBO team will be joining our other co-innovators at helloCIH co-working space located at Alexandra Hospital.

Singapore Biodesign, a National-level talent development platform and global affiliate of the renowned Stanford Byers Center for Biodesign, focuses on bringing economic benefits and

healthcare value through its healthtech innovation training. The programme aims to empower the next generation of med-/healthtech innovators from Asia using the needs-centric Biodesign Process that the programme has adapted for the region.

We are also happy to share that our Centre Director, Professor Lawrence Ho is newly appointed to sit on the Steering Committee of Singapore Biodesign.

## SINGAPORE BIODESIGN

*Meet the Team*



**Dr Mary Kan**  
Programme Director



**Dr Phin Peng Lee**  
Deputy Programme Director



**Dr Ian Mathews**  
Innovation Fellowship Head



**Dr Mark Chong**  
Faculty Fellowship Head



**Ms Fiona Loke**  
Curriculum Head



**Mr Hee Choon Tan**  
Principal Product Engineer



**Mr Alex Choh**  
Innovation Training Manager



**Ms Zoe Lek**  
Snr Programme Manager



**Ms Adeline Lim**  
Snr Marketing & Events Executive

#### 4. UPCOMING EVENTS

These are the events CIH has curated together with our partners. Please share with your network and contacts.

**Click on individual link for more details**

**AUG**

**2 - 6 Aug:** [SG Biodesign] [Innovation Training Workshop] Biodesign Bootcamp: Deep Dive into Healthtech Innovation with an end in mind

**5 Aug:** [SG Innovate] The Promise of Deep Tech: Data-Driven Approaches for Efficient Patient Care

**13 Aug – 5 Nov:** (NUSSPH) Evidence Synthesis for Health Technology Assessment

**17 Aug:** [SG Innovate] Uncovering the BioTech Investment Boom

**18 Aug:** [SG Biodesign] [Open Access Lecture] Introduction to Biodesign in Innovation

**18 Aug:** [APACMED] The Future of Robotics in Healthcare

	<b>24 – 25 Aug:</b> [IPI] IP Week 2021 “Ideas to Assets: Emerging Stronger with IP”
<b>SEP</b>	<b>28 – 30 Sep:</b> [IPI] TechInnovation 2021
<b>OCT</b>	-
<b>NOV</b>	<b>8 – 12 Nov:</b> Singapore Week of Innovation & Technology (SWITCH)

Calendars are collated to be best of our knowledge. Events and dates may be subject to changes by the event organizers.

We thank you for your support and wishing everyone health and wellness.

**Professor Khek-Yu HO**

**Centre for Innovation in Healthcare (CIH)**

**NATIONAL UNIVERSITY HEALTH SYSTEM**

**Senior Consultant, Department of Medicine**

**NATIONAL UNIVERSITY HOSPITAL**

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