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Zimbra

secretary@health.gov.lk

NUS & Temasek Foundation Regional Forum - Thu 30 Jul 2020 11.30am

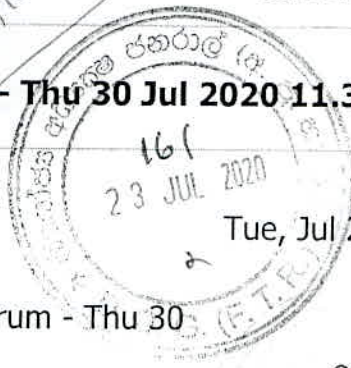
From : SingHealth TF-HEAL Secretariat (SHHQ)
<tfheal.secretariat@singhealth.com.sg>

Tue, Jul 21, 2020 11:13 AM

6 attachments

Subject : NUS & Temasek Foundation Regional Forum - Thu 30 Jul 2020 11.30am

To : SingHealth TF-HEAL Secretariat (SHHQ)
<tfheal.secretariat@singhealth.com.sg>



16919

Dear leaders,
I trust all of you have been keeping well during this time.

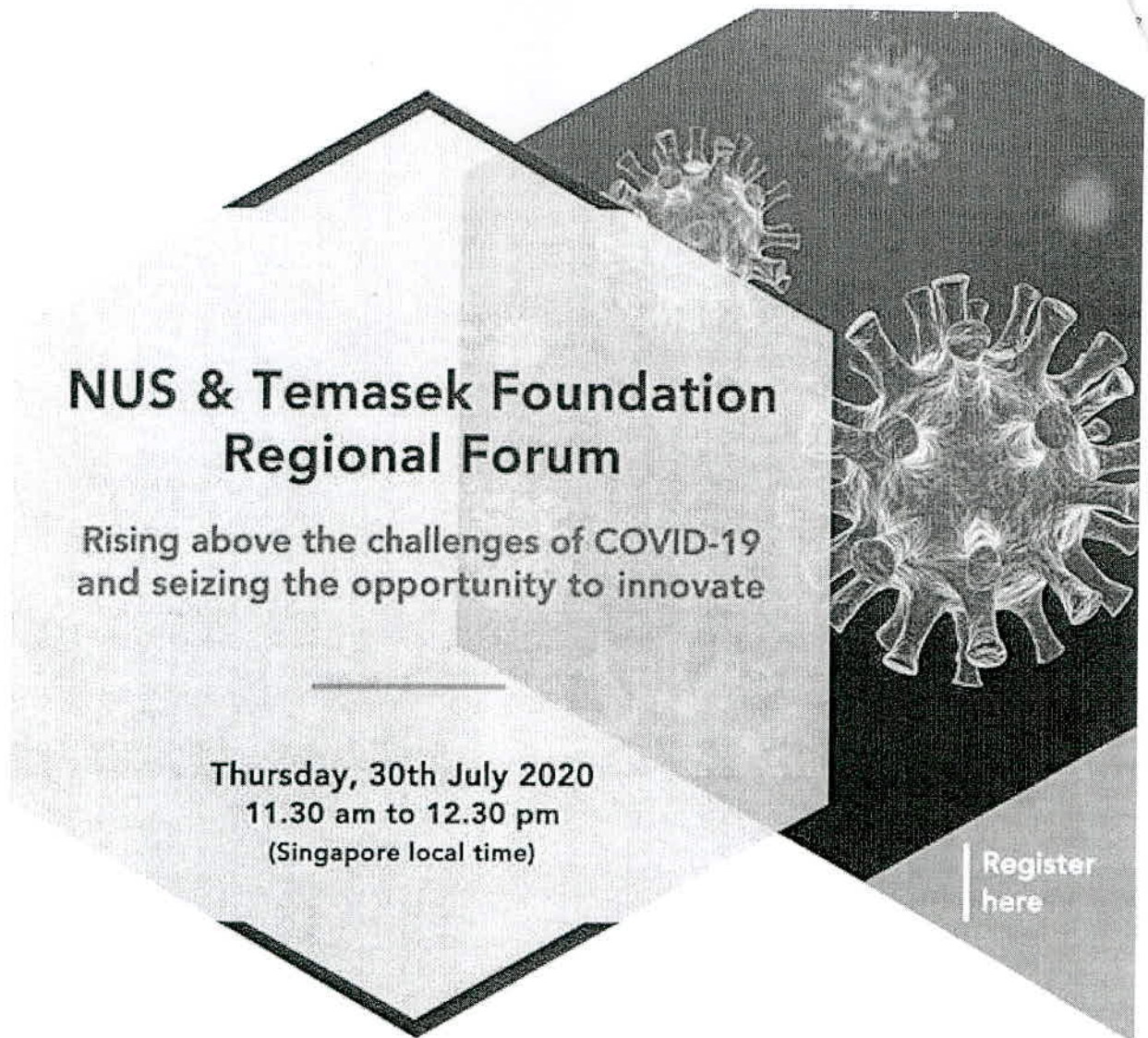
Happy to share this regional forum "Rising above the challenges of COVID-19 and seizing the opportunity to innovate" happening on Thursday 30 July 2020 11.30am (SG time, GMT +8).

Link is below, and please feel free to share with fellow colleagues whom you think will benefit from this forum. Stay safe, stay healthy!

<https://imsva91-ctp.trendmicro.com:443/wis/clicktime/v1/query?url=https%3a%2f%2fwww.eventbrite.sg%2fe%2fnus%2dtemasek%2dfoundation%2dregional%2dforum%2dregistration%2d113585792162&umid=AC1A47F9-AAD9-8A05-9BB8-30537F3EC0AC&auth=6e3fe59570831a389716849e93b5d483c90c3fe4-a4cc4b00fe025d5b3cbe4a863d845308877e00fb>

"If you are unable to view the images below, click [here](#)."

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NUS & Temasek Foundation Regional Forum

Rising above the challenges of COVID-19
and seizing the opportunity to innovate

Thursday, 30th July 2020
11.30 am to 12.30 pm
(Singapore local time)

[Register here](#)

The National University of Singapore (NUS) has mobilised a team of researchers and clinicians, led by Prof Freddy Boey, Deputy President (Innovation & Enterprise), to collaborate with Temasek Foundation (TF) to support Singapore's healthcare system in managing and mitigating the spread of COVID-19.

In these challenging times and with the disrupted supply chain caused by the lockdown situations, NUS has developed, patented and licensed:

- i) 3D printed nasal swab designs
- ii) Injection-moulded nasal swab designs to Singapore-based SMEs to manufacture millions of swabs per month to meet Singapore's and overseas healthcare needs for swab-tests.

Another COVID-19 project developed by NUS researchers is the Droplet and Aerosol Reducing Tent (DART), a portable, tent-like device that serves as a physical shield to reduce healthcare workers' exposure to SARS-CoV-2 pathogens. NUS has licensed the patented IP to two Singapore manufacturers to produce the invention.

Through National Additive Manufacturing Innovation Cluster (NAMIC), NUS has licensed the patented 3D printed nasal swab IP to four manufacturers in Singapore, Indonesia, and the US to produce the invention.

In this forum we will discuss the technologies involved and the regulatory aspects of introducing these products for general use.

AGENDA

- 11.30 am** ... Introducing a novel nasal swab design to help address COVID-19
Prof Freddy Boey, Deputy President (Innovation & Enterprise), NUS
- 11.40 am** ... Droplet and Aerosol Reducing Tent (DART) to protect healthcare workers' exposure to SARS-CoV-2 pathogens
Prof Freddy Boey, Deputy President (Innovation & Enterprise), NUS
Dr Deborah Khoo, Consultant, Department of Anaesthesia, National University Hospital
- 11.50 am** ... 3D printing in Healthcare: Rapid product innovation with Supply chain agility and resilience
Dr Ho Chaw Sing, Managing Director, National Additive Manufacturing Innovation Cluster (NAMIC)
- 12.00 pm** ... Overcoming the manufacturing and regulatory hurdles
Dr Alfred Chia, Senior Research Fellow, Biomedical Engineering, NUS
- 12.10 pm** ... Clinical studies
A/P David Allen, YLL School of Medicine, Assoc VP (Health Innovation & Translation), NUS, Senior Consultant, NUH
- 12.20 pm** ... Q & A

Prof Freddy Boey
Deputy President (Innovation & Enterprise), NUS

A/Prof Yen Ching Chiuan
Keio-NUS CUTE Center/Division of Industrial Design, NUS

A/P David Allen
YLL School of Medicine, Assoc VP (Health Innovation & Translation), NUS, Senior Consultant, NUH

Adj Prof Subbu Venkatraman
Executive Director, Industry Liaison Office (ILO), NUS (moderator)

Dr Alfred Chia
Senior Research Fellow, Biomedical Engineering, NUS

Dr Christina Tong
Head of Life Science, ILO, NUS

Dr Deborah Khoo
Consultant, Department of Anaesthesia, National University Hospital (NUH)

Dr Ho Chaw Sing
Managing Director, National Additive Manufacturing Innovation Cluster (NAMIC)

Mr Andrew Tan KK
MD Enterprise Development and Strategy Office, Temasek

Mr Ma Mun Thoh
Senior Associate Director, Technology Commercialisation, ILO, NUS

PANEL MEMBERS

Organisers:



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