



CORE
SCIENTIFIC
CONFERENCE **2024**

Regulating the Future of Health

**Converging Health Products & Services Regulation
for Access, Innovation & Sustainability**

Conference Brochure

CoRE SCIENTIFIC CONFERENCE 2024



The 10th Anniversary CoRE Scientific Conference marks a milestone in our journey as we celebrate a decade of achievements while looking ahead at emerging issues in the evolving field of health regulation. This year's Conference carries the theme: "Regulating the Future of Health: Converging Products & Services Regulation for Access, Innovation & Sustainability".

Focusing on four pivotal and pertinent themes – Regulating Artificial Intelligence & Digital Health, Regulating Precision Medicine, Regulating for Disease Prevention, and Partnerships for Effective Regulation, this Conference is envisioned to be a platform for key decision makers and stakeholders in the regulatory ecosystem to connect, engage, network, and be furthered empowered.

ABOUT
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SPEAKERS

PROGRAMME

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ABOUT CoRE



Guest-of-Honour

Dr Janil Puthucheary



Senior Minister of State
Ministry of Digital Development and Information
Ministry of Health, Singapore

Dr Janil Puthucheary is Senior Minister of State at the Ministry of Digital Development and Information, where he focuses on Singapore's Smart Nation strategy and government digitalisation initiatives. He is concurrently Senior Minister of State at the Ministry of Health.

He is Minister-in-Charge of the Government Technology Agency (GovTech), and a member of the Smart Nation Inter-Ministerial Committee. He chairs the Inter-Agency Task Force on Mental Health and Well-being and is a member of the Child and Maternal Health and Well-being Taskforce. He is also a member of the Ministerial Committee on Child Health and Development.

Dr Janil Puthucheary is a member of the National Integration Council and an Advisor to Cyber Youth Singapore. As part of the People's Association (PA), he is a Board Member, Advisor to the PA Youth Movement, and Advisor to Narpani Peravai. He previously held portfolios at the Ministry of Education and the Ministry of Transport.

He chairs OnePeople.sg, which works to promote racial harmony in Singapore, and the Executive Committee of the People's Action Party (PAP) Community Foundation, which provides early childhood education and eldercare services. His political roles include Chair of Young PAP (the youth wing of PAP), Chair of the PAP Mental Health Group, and Whip.



Guest-of-Honour

Celebrating the Graduating Cohort of the Graduate Certificate in Health Products Regulations



Professor Kenneth Mak
Director-General of Health
Ministry of Health, Singapore

Professor Kenneth Mak is Director-General of Health at the Ministry of Health Singapore. In this role, Professor Mak is the principal medical adviser to the Singapore Government and provides professional input and guidance to other Ministries and public agencies on health and healthcare related issues.

Professor Mak oversees the provision of all health services in Singapore. Within the Ministry of Health, he ensures that clinical services are delivered seamlessly across multiple settings by the public healthcare system. He leads in developing and implementing national healthcare policies in areas such as population health, healthcare regulation, communicable diseases and non-communicable diseases, healthcare professional standards as well as the development and enhancement of the performance of the nation's healthcare system and services. Professor Mak works closely with Singapore's Regional Health Systems and healthcare institutions on care integration as well as on Singapore's long-term healthcare transformation strategy.



2024 Alasdair Breckenridge Lecturer Prof Mark McClellan



Director and Robert J. Margolis, MD
Professor of Business, Medicine and Policy
Duke-Margolis Institute for Health Policy
Former Administrator, Centers for Medicare & Medicaid Services
Former Commissioner, U.S. Food and Drug Administration

Mark McClellan, PhD is Director and Robert J. Margolis, M.D., Professor of Business, Medicine and Policy at the Duke-Margolis Institute for Health Policy at Duke University. He is a physician-economist who focuses on quality and value in health care, including payment reform, real-world evidence and more effective drug and device innovation.

At the center of the nation's efforts to combat the COVID-19 pandemic, the author of COVID-19 response roadmap, and co-author of a comprehensive set health policy strategies for COVID vaccines, testing, and treatments, Dr. McClellan and his Duke-Margolis colleagues are now focused on health policy strategies and solutions to advance the resilience and interconnectedness of 21st Century public health and health care.

Prof McClellan is also a former administrator of the Centers for Medicare & Medicaid Services and former commissioner of the U.S. Food and Drug Administration, where he developed and implemented major reforms in health policy.



Scientific Committee

Co-Chairs



Dr Murray M. Lumpkin

Deputy Director
Integrated Development
(Lead for Global Regulatory
Systems Initiatives)
Bill & Melinda Gates Foundation



Adj A/Prof Raymond Chua

Chief Executive Officer-Designate
Health Sciences Authority, Singapore
Deputy Director-General of Health,
Health Regulation
Ministry of Health, Singapore

Members



A/Prof Liu Nan

Associate Professor
Centre for Quantitative Medicine
Director
Duke-NUS AI + Medical Sciences Initiative
Duke-NUS Medical School



Dr Tamra Lysaght

Associate Professor
Sydney Health Ethics
Sydney School of Public Health
Faculty of Medicine and Health
The University of Sydney



Prof Brian Kennedy

Director
Centre for Healthy Longevity
National University of Singapore



Prof John Chambers

Lee Kong Chian School of Medicine
Nanyang Technological University
Chief Scientific Officer
National Precision Medicine Programme



Dr Andy Greenfield

Nuffield Department of Women's &
Reproductive Health
Institute of Reproductive Sciences
University of Oxford



Prof James P Kingsland OBE

Clinical Professor
School of Medicine
University of Central Lancashire
Founding Director
Healthworks UK



Dr Harvey Castro

Chief Medical AI Officer
Help.ai



Expert Speakers & Panellists

Build Future Connections

Day 1 – 14 October



Prof John Lim
Executive Director
Centre of Regulatory Excellence
Policy Core Lead
SingHealth Duke-NUS
Global Health Institute
Senior Advisor
Ministry of Health, Singapore



Prof Mark McClellan
Director and Robert J. Margolis, MD
Professor of Business, Medicine and Policy at
Duke-Margolis Institute for Health Policy
Former Administrator
Centers for Medicare & Medicaid Services
Former Commissioner
U.S. Food and Drug Administration



Dr Harvey Castro
Chief Medical AI Officer
Helpp.ai



A/Prof Liu Nan
Associate Professor
Centre for Quantitative Medicine
Director
Duke-NUS AI + Medical Sciences Initiative
Duke-NUS Medical School



Dr Dan Hartman
Director
Integrated Development
Bill & Melinda Gates Foundation



Adj Asst Prof Dr James Lee Wai Kit
Assistant Group Chief Technology Officer
National University Health System (NUHS)
Consultant, Department of Surgery
Alexandra Hospital, NUHS
Consultant, Division of Endocrine Surgery
University Surgical Cluster, NUHS



Prof John Chambers
Chief Scientific Officer
National Precision Medicine Programme
Lee Kong Chian School of Medicine
Nanyang Technological University



Dr Tamra Lysaght
Associate Professor
Sydney Health Ethics
Faculty of Medicine and Health
The University of Sydney



A/Prof Denise Goh
Associate Professor
Senior Consultant & Head of Division
National University Children's Medical Institute
National University Hospital



Ms Idamazura Idris
Director of Post Market &
Enforcement Division
Medical Device Authority
Ministry of Health, Malaysia



Ms Jahara Ibrahim
Director
Hospitals, Ambulatory Care &
Research Regulations
Ministry of Health, Singapore



Dr Margaret Hamburg
Chair, CoRE Advisory Board
Former Commissioner
U.S. Food and Drug Administration



Adj A/Prof Raymond Chua
Chief Executive Officer-Designate
Health Sciences Authority, Singapore
Deputy Director-General of Health
Health Regulation
Ministry of Health, Singapore



Prof Tan Ee Shien
Head
SingHealth Duke-NUS
Genomic Medicine Centre



Dr Boitumelo Semete-Makokotlela
Chief Executive Officer
The South African Health Products Regulatory
Authority (SAHPRA)



Dr Dra L. Rizka Andalusia
Director General of Pharmaceutical and
Medical Devices
Ministry of Health, Indonesia



Expert Speakers & Panellists

Build Future Connections

Day 2 – 15 October



Dr Beth Frates
President
American College of Lifestyle Medicine
Associate Professor
Harvard Medical School



Dr Leung Pak-Yin
Council Member
City University of Hong Kong



Prof Brian Kennedy
Director
Centre for Healthy Longevity
National University of Singapore



Prof James P Kingsland OBE
Clinical Professor
University of Central Lancashire
Founding Director
Healthworks UK



Dr Andy Greenfield
Honorary Research Fellow
Nuffield Department of Women's &
Reproductive Health
Institute of Reproductive Sciences
University of Oxford



Ms Celine Ting
Managing Director
Eisai Singapore Pte Ltd



Ms Nidhi Swarup
Founding Chair
Alliance of Patients' Organisations
Singapore Ltd.
Founder and President
Crohn's & Safety Colitis Society of
Singapore



Dr Florentin Blanc
Director
Institute for Regulatory Innovation,
Delivery and Effectiveness
European Public Law Organisation



Dr Murray Lumpkin
Deputy Director, Integrated Development
Lead for Global Regulatory Systems Initiatives
Bill & Melinda Gates Foundation



Dr Cindy Pelou
Lead
Regulatory Affairs
APACMed



Prof Silke Vogel
Senior Associate Dean, Graduate Studies
Deputy Director, CoRE
Head, Centre for Lifelong Learning
Duke-NUS Medical School, Singapore



Prof Mojisola Christianah Adeyeye
Director General
National Agency for Food & Drug
Administration And Control, Nigeria



Prof Alex Cook
Vice Dean (Research)
Domain Leader (Biostatistics & Modelling)
NUS Saw Swee Hock School of Public
Health, Singapore



Dr Charles M Preston
Senior Program Officer
Regulatory Affairs Global Health
Integrated Development
Bill & Melinda Gates Foundation

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CoRE's 10th Anniversary In Their Own Words



Dr Margaret Hamburg
Chair, CoRE Advisory Board
Former Commissioner
U.S. Food and Drug Administration



Congratulations to CoRE, its leadership, and all the people who have worked to support it. It is a very special organization that reflects both the best of science and passion - about science, health, and medicine, committed to trying to make life better for everyone.



Adj A/Prof Raymond Chua
Chief Executive Officer-Designate
Health Sciences Authority, Singapore
Deputy Director-General of Health,
Health Regulation
Ministry of Health, Singapore



The partnership between CoRE and MOH's Health Regulation Group has not only enriched our regulatory frameworks but also empowered our regulatory practices with cutting-edge insights and unparalleled expertise. Their dedicated efforts in research, policy development and capacity building have significantly bolstered our ability to navigate the complex landscape of health regulations.

Heartiest congratulations to CoRE on their 10th anniversary!





Programme

Day 1

9:30am – 9:45am

Prof John Lim
Welcome Address

9:45am – 10:00am

Dr Janil Puthucheary
Guest-of-Honour Speech

10:00am – 10:45am

Prof Mark McClellan
2024 Sir Alasdair Breckenridge Lecture

10:45am – 11:30am

Tea Break

11:30am – 1:30pm

Regulating Artificial Intelligence & Digital Health

Dr Harvey Castro

Clinical applications of Artificial Intelligence

A/Prof Liu Nan

Balancing innovation, patient safety and ethical considerations for AI in Healthcare

Adj Asst Prof Dr James Lee Wai Kit

Operation of Healthcare AI Solutions across multiple platforms

Dr Kavitha Palaniappan

Navigating the Future: Singapore's Perspectives and Strategic path for Healthcare AI Regulation

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Lunch Time Seminar
Meeting Room L1 S1: 2.15pm to 2.45pm

14 October

Digital Ethics – Creating Trust in Digital Health



Dr Jean Enno Charton
Director
Digital Ethics & Bioethics
Merck KGaA

Sponsored by





Programme

Day 1

1:30pm – 3:00pm

Lunch

3:00pm – 5:00pm

Regulating Precision Medicine

A/Prof Tan Ee Shien

How will Precision Medicine look like in 2030?

Dr Tamra Lysaght

Ethical considerations in Precision Medicine Regulation

A/Prof Denise Goh

Precision Medicine in a clinical setting – challenges and opportunities

Ms Jahara Ibrahim

Regulation of Clinical Genetic / Genomic Testing Service

5:00pm – 5:30pm

Fireside Chat: The Future of Artificial Intelligence and Precision Medicine

Hosted by **Prof John Lim**

Dr Dan Hartman

Dr Margaret Hamburg

A/Prof Raymond Chua

6:00pm – 9:00pm

Graduation Ceremony & Celebratory Networking Evening Dinner

with **Guest-of-Honour Prof Kenneth Mak**
Director-General of Health,
Ministry of Health, Singapore

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Celebratory Networking Evening & Graduation Ceremony

5:30 PM to 6:30 PM Networking Activities

6:30 PM Opening Remarks

Prof Silke Vogel

Senior Associate Dean,
Graduate Studies
Deputy Director, CoRE
Head, Centre for Lifelong Learning
Duke-NUS Medical School, Singapore

6:31 PM Welcome Remarks

Prof John Lim

Executive Director
CoRE
Duke-NUS Medical School, Singapore

6:35 PM Guest-of-Honour Speech

Prof Kenneth Mak

Director-General of Health
Ministry of Health, Singapore

6:40 PM **Graduation Ceremony of 2023/2024 CoRE Cohort**



6:55 PM Group photo

7:00 PM Cake Cutting in Celebration of CoRE's 10th Year Anniversary

7:00PM to 9:00 PM Dinner & Networking

End of Day 1



CoRE's 10th Anniversary In Their Own Words



Prof Sir Jeremy Farrar
Chief Scientist
Executive Director
World Health Organization



Congratulations on this significant milestone! CoRE's efforts in advancing regulatory excellence and addressing critical challenges in healthcare innovation have been truly impressive. I look forward to continued collaboration and supporting CoRE's impactful work in shaping the future of healthcare and regulatory science.

Dr Murray Lumpkin
Deputy Director, Integrated
Development
Lead for Global Regulatory Systems
Initiatives
Bill & Melinda Gates Foundation



Happy 10th anniversary CoRE! I have had the great pleasure of seeing CoRE develop and evolve over the past ten years. Due to the brilliant leadership of Prof John Lim, it has become one of the premier global training centers for future regulatory leaders and a well-respected laboratory for exploring innovative approaches to health care and regulatory challenges. It is another example of Singapore's significant contribution to the global regulatory ecosystem. Well done and looking forward to the next decade!!





Programme

Day 2

9:45am

Day 2 Welcome Address

Dr Murray Lumpkin
Prof Silke Vogel

10:00am – 12:00pm

Regulating for Disease Prevention and Healthy Aging

Dr Beth Frates

Blue Zone initiatives as tools to regulate for disease prevention and healthy aging

Prof Alex Cook

Strategies for public health interventions, vaccination programmes, and preventive measures

Prof Brian Kennedy

Navigating the complexities of regulatory frameworks in promoting healthy longevity

Prof James Kingsland

A transition towards community-based care for disease prevention and healthy aging

12:00pm – 1:30pm

Lunch

1:30pm – 4:00pm

Effective collaboration and partnerships amongst stakeholders in the regulatory system

A/Prof Raymond Chua

Regulator Perspective

Dr Andy Greenfield

Public Engagement Perspective

Ms Celine Ting

Pharmaceutical Industry Association Perspective

Dr Cindy Pelou

MedTech Industry Association Perspective

Ms Nidhi Swarup

Patient Group Perspective

Dr Florentin Blanc

Internal Organizations Perspective

Closing Session



Lunch Time Seminar

Meeting Room L1 S3: 1.00pm to 1.30pm

15 October

Innovation, Quality, and Efficiency through Standardisation



Ms Fan Yang

Head
Standards Development Organisation
CoRE





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More about #CoRESciCon



The Conference is held at the Auditorium at Academia, 20 College Road, Singapore 169856



This is a paperless conference.



Photos and videos will be taken during the Conference. For further information on how we use your personal data, we welcome you to read our guidelines in the [National University of Singapore Privacy Notice](#).





About CoRE

Our Offerings



CoRE focuses on three key approaches to fulfil its vision. One area focuses on education and capacity building, the second area convenes think tank activities to promote policy innovation and thought leadership in new and challenging issues in regulatory science, and the third area is centered on leveraging the Centre’s expertise and networks to provide strategic and technical advice to support stakeholders.



Education

Enhance capabilities and competencies of regulatory professionals



Think Tank

Promote thought leadership and innovation



Advisory

Leverage expertise and networking to support stakeholders

The CoRE Campaign

#Thankstoyou

Since 2014, CoRE has been making strides in enhancing health and regulatory systems in the Asia-Pacific region, and promoting the advancement of excellence in regulatory systems towards the mission of safeguarding the health and well-being of patients and populations.

To continue our work in transforming health regulatory systems and meeting the needs of people now and in the future, CoRE has established the Regulatory Excellence Fund.

Your contribution to this funds will empower CoRE to transform lives, rise to new public health challenges, and make impactful changes for the future.



**Regulatory Excellence
Fund**





About Duke-NUS Medical School

Duke-NUS is Singapore's flagship graduate entry medical school, established in 2005 with a strategic, government-led partnership between two world-class institutions: Duke University School of Medicine and the National University of Singapore (NUS).

About CoRE

The Centre of Regulatory Excellence (CoRE) was established to facilitate access to safe, high quality and effective medicines and medical devices through the strengthening of health product regulatory systems in the Asia-Pacific, with a special focus on South-East Asia. Guided by this theme, CoRE contributes to improving patient access to health products and also enhancing regional health systems and health security.

Connect with Us

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