

TOPIC OF INTEREST: CANCER RESEARCH

Cancer research is research into cancer to identify causes and develop strategies for prevention, diagnosis, treatment, and cure. Cancer research ranges from epidemiology, molecular bioscience to the performance of clinical trials to evaluate and compare applications of the various cancer treatments.

Source: Wikipedia

#DYK: The word ‘cancer’ comes from the Latin for ‘crab’ – just like the zodiac sign Early doctors, when describing certain tumours which had veins or extensions from the main body, called them crab-like, or ‘cancerous’.

#nisthfellows working in fields related to Cancer Research: Duan Hongwei, Melissa Fullwood, Wilson Goh, Joanne Ngeow, Kim Hye Kyung, Shirley Sun and Tan Lay Poh

#nisthreads:

- [Charge-Reversal Polymer Nano-modulators for Photodynamic Immunotherapy of Cancer](#) (Duan Hongwei)
- [Profiling of 3D Genome Organization in Nasopharyngeal Cancer Needle Biopsy Patient Samples by a Modified Hi-C Approach](#) (Melissa Fullwood)
- [Proteomic investigation of intra-tumor heterogeneity using network-based contextualization—a case study on prostate cancer](#) (Wilson Goh)
- [CDKN2A germline alterations and the relevance of genotype-phenotype associations in cancer predisposition](#) (Joanne Ngeow)
- [Cultural Determinants of Cancer Fatalism and Cancer Prevention Behaviors among Asians in Singapore](#) (Kim Hye Kyung)
- [Clinical usefulness of genetic testing for drug toxicity in cancer care: decision-makers’ framing, knowledge and perceptions](#) (Shirley Sun)
- [Epithelial-mesenchymal transition of cancer cells using bioengineered hybrid scaffold composed of hydrogel/3D-fibrous framework](#) (Tan Lay Poh)



More details on our social media platforms this week:

NISTH EVENTS



NISTH ThinkOut: Genomics and the New Inequalities, POSTPONED!!

New Date: 3 December 2021

New Time: 2:00 PM – 3:00 PM

NISTH ThinkOut on Genomics and the new inequalities with, NISTH Fellows - Assoc Prof Joanne Ngeow and Asst Prof Ian McGonigle, is now postponed to 3 December 2021.

Register at: [Here](#)



19 Nov 2021; 3:00 PM – 6:00 PM

Young Global Leaders (YGL), Executive Education Module, is organised by NISTH, once again this year, under the theme - *Imagining Technological Future*. The YGLs will be participating in a 5 days online programme that brings them through thought-provoking lectures and workshops on writing, filmmaking and game-making to help bring a fresh perspective to their work towards meaningful solutions for the society. NISTH Fellows are invited to attend the final presentation to interact and network with this carefully selected group of thought-leaders.

Register at: [Here](#)

EVENTS WITH NISTH FELLOWS

26 Oct 2021; 4:00 PM – 5:30 PM

Science, Technology, and Society (STS) in East and Southeast Asia: Current and Future Directions, is part of the Asia Research Institute's (ARI) Roundtable series. **NISTH Deputy Director and NISTH Fellow Asso Prof Hallam Stevens**, is a panelist alongside other leading figures from the East and Southeast Asian STS communities. They will discuss the state of the field across the region: what have we done right?; what do we need to do differently, or more of?; how can we work better together?

Register at: [Here](#)



28 Oct 2021; 4:00 PM – 5:30 PM

The Water Cycle, Reservoir and Stormwater Management, is organised by National Biofilms Innovation Centre. This webinar will focus on managing emerging pollutants, and other innovations in reservoir and stormwater management. **NISTH Fellow Prof Shane Snyder, Director, NEWRI**, is one of the speakers and will be talking on, 'Challenges of emerging pollutants in water management'.

Register at: [Here](#)



27 Oct 2021; 5:00 PM – 6:15 PM

Making sense of sustainability challenges, is part of the outreach to students and SGwebinar of the TCS Sustainathon Singapore 2021. **Prof Vanessa Evers**, Director, NISTH and other supporting partners will share ideas on sustainability in the education landscape (SDG 4) and inspire students to take pro-active steps to reimagine their education and learning.

Register at: [Here](#)



30 Oct 2021; 1:00 PM

TEDxNTU 2021: Beyond the Mist, is organised by NTU World of Wisdom. It will bring the spotlight on those who have emerged out of the mist, those who can offer illuminating inspirations and guide us by sharing ideas that focus on unifying us, challenging the status quo, and putting us back on track. **NISTH Fellow, Dr Andy Ho** is one of the speakers who will share his perspective on how art can be a great catalyser in alleviating us from the mist.

Register at: [Here](#)



OTHER EVENTS

25 Oct 2021; 1:00 PM – 2:30 PM

RSIS Virtual Roundtable on “Climate Security in the Indo-Pacific: Strategic Implications for Defence and Foreign Affairs”. This roundtable gathers experts from the defence and foreign policy communities to discuss Climate Security in the Indo-Pacific and its implications on regional affairs. This event will evaluate the role of climate change as a crisis multiplier, and the place of climate change in national and regional defence and foreign policy.

More Info: [Here](#)

26 Oct 2021; 3:30 PM – 5:00 PM

Wealth Vs Health: How Singapore invested in Biomedical R&D, is part of the NTU Health and Society Research Cluster seminar series. Prof Benjamin Seet will trace the journey of Singapore’s significant investments and will examine the key outcomes from these investments, as well as how R&D can contribute to more sustainable healthcare in the face of an ageing population and rising costs.

Zoom Meeting Link: [Here](#)



27 Oct 2021; 12:30 PM – 1:30 PM

Digital Transformation in Finance, is part NBS Knowledge Lab Series. The webinar will bring together four experts from Singapore Fintech Association, JP Morgan, and Minterest as they unpack the implications of future trends for digital transformation in the financial industry.

Register: [Here](#)



29 Oct 2021; 1:00 PM – 2:00 PM

CREATE Webinar Series, is organised by Berkeley Education Alliance for Research in Singapore (BEARS). The October Webinar will focus on, Healthcare AI and machine learning for preventing and combating future pandemics.

Zoom Meeting Link: [Here](#)

Meeting ID: 927 7144 3204

Passcode: 196792



PARTNER EVENTS

8 – 10 Nov 2021; 1:30 PM – 4:15 PM

SGInnovate's (NISTH’s Strategic and Network Partner) Deep Tech Summit is back! The Summit, is Asia's leading conference dedicated to exploring the role of deep science and deeptech innovations on our future economy, and will feature expert conversations and knowledge sharing sessions across 4 tracks: Sustainability, Health and Biomedical Sciences, AgriFood and Advanced Manufacturing.

Register at: [Here](#)



GRANT / CHALLENGE CALLS & OPPORTUNITIES

For assistance in identifying research partners, email us at NISTH-research@ntu.edu.sg



Climate Change Communication - Research Fellow Position

A Level B Postdoctoral Research Fellow will be a foundational appointment in the Malaysian Node of the Monash Climate Change Communication Research Hub. Based in Kuala Lumpur and working collaboratively with colleagues in the Node and the Hub, the Fellow will develop and complete a three-year research project of social research.

For more information: [Here](#)

Social Science & Humanities Research (SSHR) 2025 Seed Grant Call

2021 Applications deadline: 31 October 2021, noon

CoHASS, RSIS, NBS and NIE have collaboratively launched the SSHR2025 Seed Grant. This is an annual grant call that aims to catalyse interdisciplinary research and position NTU at the forefront of research in the fields of arts, social sciences, humanities, education and business and lay the groundwork for larger external grant applications. Its focus is on 6 themes: Sustainability and Resilience, Culture and Creativity, Education and Transformation, Leadership and Disruptive Innovation, Human Behaviour and Technology and Language and Heritage.

More details : [Here](#)

Email us at nisth-events@ntu.edu.sg; **Website:** www.nisth.ntu.edu.sg

