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**INCREDIBLE CARE** 

# **Charting Our Way Forward**

37 of our leaders came together for the NCIS Leaders' Forum on 25 Oct 2024 to map out the next steps in achieving our 2030 Cancer Plan.

Using the SWOT (Strengths, Weaknesses, Opportunities & Threats) analysis model, they brainstormed their ideas to tackle various issues around **six key areas** concerning the future of cancer care & our workforce.

#### 1. Population Health

 Eg: How can we adapt to both local cancer trends and global advances in care and research?

#### 2. Collaborative Networks

 Eg: How can we leverage partnerships to share knowledge, research, and resources effectively?

#### 3. Workforce Development

 Eg: How can we prepare a future-ready workforce in light of expected retirements, changing skill sets, and staff shortages?

#### 4. Technology & Al Integration

 Eg: How can we ensure we leverage AI responsibly, while addressing misinformation?

#### 5. Agility & Innovation

 Eg: How can we foster an environment of ongoing innovation and improvement?

#### 6. Constraints & Threats

 Eg: How can we account for the impact of demographic changes, increasing demands for cancer services and workforce shortage?



Dr Melissa Ooi shares her team's ideas on how to prepare for a future-ready workforce.





After identifying the common themes that emerged for each key area, our leaders ranked the top 10 priorities for NCIS and discussed how to achieve them.

The action plans will guide our future strategies to become a world-class, cutting-edge cancer centre by 2030.

A big thank you to our participants for their invaluable insights and contributions during this year's Leaders' Forum!



It's amazing to see how the leaders of NCIS came together to brainstorm and identify focus areas to bring NCIS to the next level as we continue to provide holistic care for our patients.

Dr Yee Choon Meng Head, Division of Palliative Care



**INCREDIBLE CARE** 

## Giving Patients a Second Shot at Life

A team of researchers & clinicians, led by Prof Allen Yeoh (pictured, right) has developed a new cell therapy for T-ALL cancer patients who have exhausted all forms of treatment.

The treatment, which has been published in the Nature Medicine medical journal, reprograms a patient's T-cells to target and destroy the cancer cells.

16 patients who underwent this experimental treatment went into complete remission within a month. The first patient has now been in remission for five years without the need for additional chemotherapy or a bone marrow transplant.

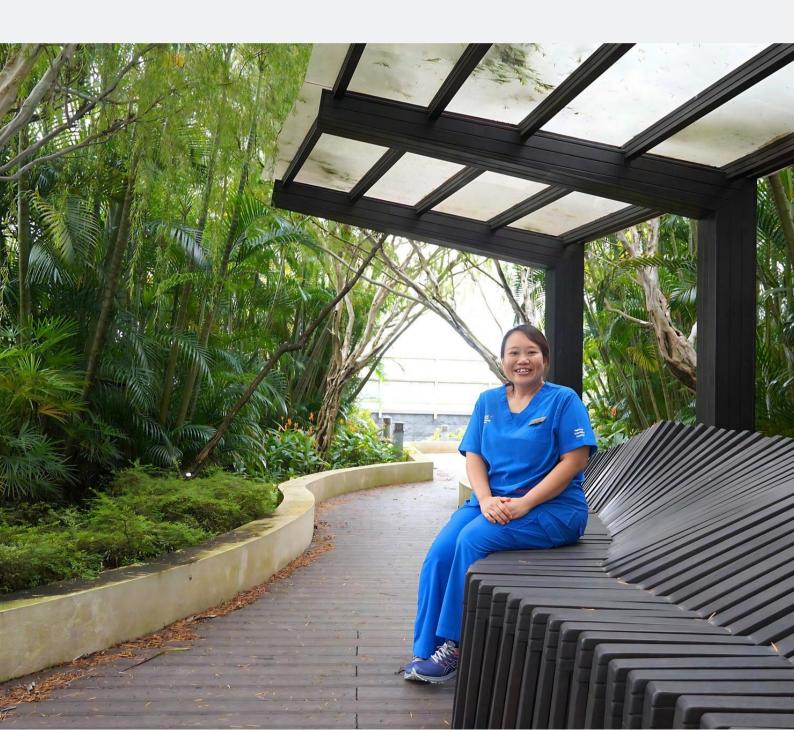
Click here to find out how he was given a second shot at life.

**INCREDIBLE PEOPLE** 

## Making a Difference Beyond the Workplace

ANC Lee Foong Gwan was one of 11 individual winners from NUHS who received the Healthcare Humanity Award in Oct 2024. The Award recognises inspirational role models who have gone the extra mile to offer care and comfort to those in need.

Read on to find out how Foong Gwan has done so through volunteering.



Tucked quietly in the corner of a one-room rental flat, a visually-impaired elderly man lay uncomfortably in bed. A fever had gripped him, intensifying his frailty, while his wife stood nearby paralyzed by fear and exhaustion.

In the stillness of that moment, hope seemed to fade - until an urgent call to Foong Gwan brought a glimmer of relief.

As a volunteer with Lifehouse SG - a ground-up volunteering initiative she started with her friends in 2019 - Foong Gwan often visited the couple to change their dressings, conduct medication reconciliation, and educate them on fall risks. That fateful Sunday, however, demanded more.

Foong Gwan and her friends rushed over to provide the man with immediate medical attention. They later called an ambulance for him to receive further treatment.

This is just one of many instances where Foong Gwan has made a difference to the lives of the people she serves outside NCIS.

Working closely with a Residents' Committee (RC) in the West, both she and her friends organise social activities for the elderly in the community, such as art and craft, karaoke, and excursions around Singapore. The activities help the elderly maintain their well-being and sense of purpose.

"One resident told me his most treasured memory was when we celebrated his birthday in a restaurant. This reminded me of how important it is to be present for others," she said.

Through each selfless act of kindness, Foong Gwan demonstrates that even the smallest gestures can have a lasting impact.

And in life's most fragile moments, when fear tightens its grip and uncertainty looms, it is the presence of those like her that reminds us of what it means to truly live - to care, connect, and offer hope when it's needed most.

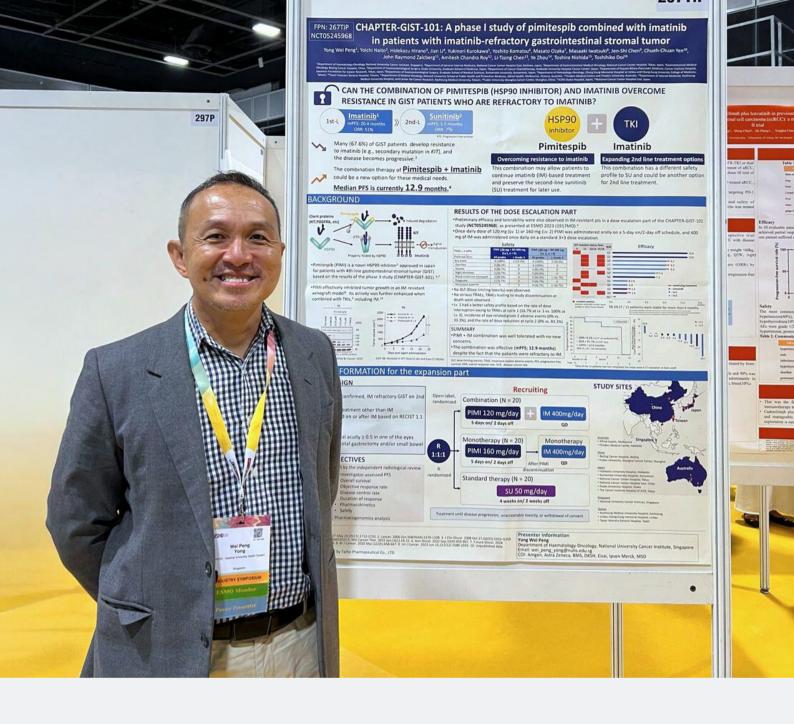


## Ending the Year Together



It was an evening of fun & laughter as we gathered for our year-end party on 19 Dec 2024. A big thank you to our Wellness Champions for organising it!

Let's create even better memories in 2025, #teamNCIS!



#### **INCREDIBLE RESEARCH**

### ESMO Asia 2024

Held at Suntec City Convention Centre, Singapore from 6-8 Dec 2024, ESMO Asia Congress brought together more than 4000 oncologists, researchers, healthcare professionals, and industry representatives from across Asia to collaborate and exchange knowledge on topics related to oncology.

Our colleagues from the Department of Haem-Onco were among those selected for poster presentations and speaking engagements at the congress. This highlights their exceptional contributions to the field, and we congratulate them for representing NCIS at such a prestigious event!

#### **Poster Presentations:**

#### • Prof Lee Soo Chin, Senior Consultant

- Real-world treatment patterns and survival outcomes in patients (pts)
   with HER2+ unresectable (u) or metastatic breast cancer
- (mBC): HER2 REAL Asia cohort Clinical characteristics of patients (pts)
   with HER2+ unresectable (u) or metastatic (m) breast cancer (BC): HER2
   REAL Asia cohort

#### Dr Wei Peng Yong, Senior Consultant

 CHAPTER-GIST-101: A phase I study of pimitespib combined with imatinib in patients with imatinib-refractory gastrointestinal stromal tumor

#### • Dr Huang Yiging, Consultant

 Hierarchical Clustering of Immune Checkpoint Inhibitor-Related Pneumonitis in an Asian Cohort of Patients

#### • Dr Wang Meng, Resident (Pictured, right)

Real-World Evidence on Total
 Neoadjuvant Therapy (TNT) vs.
 Neoadjuvant Concurrent
 chemoradiation (NA CCRT) for Locally
 Advanced Rectal Cancer (LARC) from
 a Tertiary Asian Cancer Centre

#### Carol Ho, Advanced Practice Nurse

An Advanced Practice Nurse-Led
 Teleconsultation Service for Rectal
 Cancer Patients Undergoing Concurrent
 Chemoradiation



#### **Speaking Engagements**

#### • Adj A/Prof Michelle Poon, Senior Consultant

- Education Session
  - Bispecific Antibodies Session Co-Chair and Speaker)
  - Bispecific antibodies in frontline treatment

#### • Prof Lee Soo Chin, Senior Consultant

- Industry Satellite Symposium
  - Cyclin' through Innovation: Next Generation CDKs In HR + MBC (Session Chair and Speaker)
  - Challenges in Frontline Treatment of HR + MBC

#### ESMO 2024 Highlights Session 2

Invited Discussant on Asian Perspectives

#### A/Prof David Tan, Senior Consultant

- Education Session
  - New Frontiers in the Treatment of Gynaecological Malignancies
  - How to treat endometrial cancer according to molecular subtypes with and after immunotherapy

#### Industry Satellite Symposiums

- Evolving Treatment Landscape for Patients with Endometrial Cancer (Session Co-Chair)
- HER2+ Advanced Solid Tumours: A Fireside Chat on Harnessing Molecular Profiling to Improve Patient Outcomes (Faculty)

#### Proffered Paper Session: Gynaecological Cancers

Invited Discussant

#### • Dr Ross Soo, Senior Consultant

- Industry Satellite Symposiums
  - The Emerging Role of C-MET Protein Directed Antibody-Drug Conjugates (ADCs) (Speaker)
  - Targeting c-MET in Advanced Non-Small Cell Lung Cancer with ADCs
  - Pioneering Advances in EGFRm NSCLC Therapy: Navigating the Future of Patient Care CARE (Session Chair and Speaker)
  - Overview of Unmet Needs of EGFRm Advanced NSCLC in Asia

**INCREDIBLE RESEARCH** 

### High-Impact Research Publications

Well done to our clinicians who achieved a Journal Impact Factor (JIF) of 10 and above for their research publications this year!

#### **Targeting ATR in patients with Cancer**

by Natalie Ngoi Nature Reviews Clinical Oncology, Feb 2024 (JIF: 78.8)

#### Stroke Risk in Survivors of Head and Neck Cancer

by Jessie Yip Pui Lam, Timothy Cheo, Tan Teng Hwee, Lee Shing Fung, Leong Yiat Horng, Wong Lea Choung, Jeremy Tey, Francis Ho Cho Hao, Soon Yu Yang

JAMA Network Open, Feb 2024 (JIF: 13.8)

Multinational Association of Supportive Care in Cancer (MASCC)clinical practice guidance for the prevention of breast cancer-related arm lymphoedema (BCRAL): international Delphi consensus-based recommendation

by Lee Shing Fung eClinicalMedicine, Feb 2024 (JIF: 15.1)

Circular RNA as a Source of Neoantigens for Cancer Vaccines

by Lieske B, Tan KK

Journal for Immunotherapy of Cancer, Mar 2024 (JIF: 10.9)

Aberrant non-canonical NF-kB signalling reprograms the epigenome landscape to drive oncogenic transcriptomes in multiple myeloma by Wee Joo Chna Nature Communications, Mar 2024 (JIF: 16.6) Oral Iptacopan Monotherapy in Paroxysmal Nocturnal Hemoglobinuria by Yap Eng Soo NEJM, Mar 2024 (JIF: 96.2) A multimodal atlas of hepatocellular carcinoma reveals convergent evolutionary paths and 'bad apple' effect on clinical trajectory by Bonney GK Journal of Hepatology, May 2024 (JIF: 25.7) **EAcquired Multidrug Resistance in AML Is Caused by Low Apoptotic Priming in Relapsed Myeloblasts** by Wee Joo Chng Blood Cancer Discovery, May 2024 (JIF: 11.7) A Pre-Leukemic DNA Methylation Signature in Healthy Individuals at **Higher Risk for Developing Myeloid Malignancy** by Wee Joo Chng Clinical Cancer Research, May 2024 (JIF: 11.5) Consensus guidelines and recommendations for the management and

Consensus guidelines and recommendations for the management and response assessment of chimeric antigen receptor T-cell therapy in clinical practice for relapsed and refractory multiple myeloma: a report from the International Myeloma Working Group Immunotherapy Committee

by Wee Joo Chng The Lancet Oncology, May 2024 (JIF: 51.1) International Myeloma Working Group immunotherapy committee consensus guidelines and recommendations for optimal use of T-cellengaging bispecific antibodies in multiple myeloma by Wee Joo Chng The Lancet Oncology, May 2024 (JIF: 51.1) Inconsistencies in the predictive value of PD-L1 in metastatic gastroesophageal cancer by Raghav Sundar Lancet Gastroenterol Hepatol, Jun 2024 (JIF: 35.7) Epigenetic dysregulation of eukaryotic initiation factor 3 subunit E (eIF3E) by lysine methyltransferase REIIBP confers a pro-inflammatory phenotype in t(4;14) myeloma by Wee Joo Chng Haematologica, Jun 2024 (JIF: 10.1) Effectiveness and safety of continuous low-molecular-weight heparin versus switching to direct oral anticoagulants in cancer-associated venous thrombosis by Lee Shing Fung Nature Communications, July 2024 (JIF: 14.7) Spatially Resolved Niche and Tumor Microenvironmental Alterations in **Gastric Cancer Peritoneal Metastases** by So JBY, Shabbir A Chia DKA, Jia Hao Law, Kim G Gastroenterology, Aug 2024 (JIF: 29.4)

Perioperative management of sarcopenia in patients undergoing major surgeries in Singapore: a modified Delphi consensus

by Kow Wei Chieh

International journal of surgery (London, England), Aug 2024 (JIF: 15.3)

### Increasing Colorectal Screening Uptake in Spouses of Patients With **Colorectal Cancer Using a Randomized Behavioral Trial** by Tan Ker Kan, Lieske Bettina Journal of the National Comprehensive Cancer Network, Aug 2024 (JIF: 13.4) Super enhancer acquisition drives expression of oncogenic PPP1R15B that regulates protein homeostasis in multiple myeloma by Chng Wee Joo Nature Communications, Aug 2024 (JIF: 14.7) Randomised controlled trials on radiation dose fractionation in breast cancer: systematic review and meta-analysis with emphasis on side effects and cosmesis by Lee Shing Fung BMJ, Sep 2024 (JIF: 93.7) Lu-177 PSMA vs Comparator Treatments and Survival in Metastatic **Castration-Resistant Prostate Cancer** by Soon Yu Yang JAMA Network Open, Sep 2024 (JIF: 10.5) Fratricide-resistant CD7-CAR T cells in T-ALL by Bernice Oh, Esther Chan, Michelle Poon, Tan Lip Kun, Allen Yeoh Nature Medicine, Sep 2024 (JIF 58.7) A multimodal atlas of hepatocellular carcinoma reveals convergent evolutionary paths and 'bad apple' effect on clinical trajectory by Glenn Bonney

IJournal of Hepatology, Oct 2024 (JIF: 25.7)



Carcinoma

by Kow Wei Chieh Clinical Gastroenterology and Hepatology, Dec 2024 (JIF: 12.6)



## Thank You for Reading!

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