

IN THE SPOTLIGHT

Issue 110 | OCT - DEC 2025

What's New?



Presenting the 17th Edition of Frontiers in Cancer Science

[Read More](#)



[Read More](#)



A moment for the CSI community to pause, reflect, and recharge...

[Read More](#)

A Strong Quarter for CSI...Big Wins!



Awarded by RIE2025; under the HHP IAF-PP

CONGRATULATIONS! on Best Poster Award



Dr. Qing Yun TONG, Research Fellow

for his poster titled "Mapping the RNA-binding Protein Landscape in Colorectal Cancer"

Congratulations Highly Cited Researcher 2025

In the field of Biology and Biochemistry



Prof. Yang Zhang Senior PI

ranked by Clarivate

[Read More](#)

Upcoming Events

09 CSI Distinguished Speakers' Series - Dr. Funmi Olopade

9 February, 4pm - 5pm

NUS

13 CSI Research Meeting

13 February, 4pm - 5pm

NUS

27 CSI Research Seminar Series - Prof. Hiroyoshi Nishikawa

27 February, 2pm - 3pm

NUS

Research Highlights

Induction of a Metabolic Switch from Glucose to Ketone Metabolism Programs Ketogenic Diet-induced Therapeutic Vulnerability in Lung Cancer (Cell Metabolism, Nov 2025)

New research, led by **Dr. Wai Leong Tam** shows that lung tumour-initiating cells (TICs), when deprived of glucose, switch their metabolism to use ketones. These ketones fuel lipogenesis and fatty acid synthesis – and remarkably, this metabolic switch makes the TICs vulnerable to drugs targeting the ketone transporter MCT1 (with its chaperone CD147) or fatty acid synthase (FASN). Using a prolonged ketogenic diet in models also sensitised TICs to these therapies – pointing to a new treatment angle combining diet and targeted intervention.

[Read More](#)

Pragmatic Interventions to Boost Surveillance Mammogram Uptake Among an Overdue Population: A Randomized Clinical Trial (JAMA Internal Medicine, Nov 2025)

Led by **Prof. Soo Chin Lee**, together with a team of researchers including **Prof. Boon Cher Goh**, this randomized clinical trial examined over 9,000 women in Singapore aged 50–69 who were overdue for mammography. The study found that a simple mailed reminder was as effective as more complex behavioural interventions in improving screening uptake, demonstrating how pragmatic, cost-effective approaches can meaningfully enhance breast cancer screening.

[Read More](#)

