

CANCER SCIENCE INSTITUTE OF SINGAPORE IN THE SPOTLIGHT

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Clinical implications of DNMT3A mutations in a Southeast Asian cohort of acute myeloid leukaemia patients. (*J Clin Pathol*, Jan 2017)

This novel study led by Prof Chng found that DNMT3A mutations had a negative impact on prognoses in Southeast Asian AML patients. This may give clinicians a clearer idea of risk factors when treating AML in the local context.



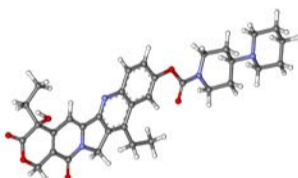
Individualised multiplexed circulating tumour DNA assays for monitoring of tumour presence in patients after colorectal cancer surgery. (*Sci Rep*, Jan 2017)

This engaging study led by clinician and CSI Principal Associate Dr Ng Siok Bian developed a way to detect circulating tumour DNA for colorectal tumours, which can be personalized to each patient.



Combined use of irinotecan with histone deacetylase inhibitor belinostat could cause severe toxicity by inhibiting SN-38 glucuronidation via UGT1A1. (*Oncotarget*, Feb 2017)

This fascinating study by Prof Goh Boon Cher's and team using Mass Spectroscopy methods explored inhibition of deactivation of cancer drug irinotecan. The results suggest that irinotecan administered with HDAC-inhibitors could cause toxicity in patients.



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Clinical implications of DNMT3A mutations in a Southeast Asian cohort of AML patients

Special DNA assays to monitor tumour presence in patients after colorectal cancer surgery

Combined use of drugs irinotecan and belinostat could cause severe toxicity

UPCOMING EVENTS

CSI Research Meeting
10 Mar 2017

CSI Research Meeting &
State-of-the-Institute
Address
24 Mar 2017

RNA Club Meeting
24 Mar 2017

GRADUATE PROGRAM

Congratulations to CSI PhD Student Hong Huiqi!

An abstract submitted by CSI PhD student Hong Huiqi from Dr Polly Chen's group was recently selected for presentation at the 5th Heidelberg Forum for Young Scientists, to be held on 8-9 June at Heidelberg, Germany. Huiqi was also awarded a travel grant to present her talk at the forum. Congratulations to Huiqi!



CSI-ENS WORKSHOP SERIES

A new initiative held at CSI for the first time, a series of Bioinformatics workshops (8 sessions in total) have been organized in collaboration with experts from the *Ecole Normale Supérieure de Paris*. The workshops, which received overwhelming response from local participants, is currently ongoing with 4 more sessions set to happen in March, and covers a wide range of topics such as NGS analysis and genes network modelling.