

# CANCER SCIENCE INSTITUTE OF SINGAPORE IN THE SPOTLIGHT

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## PRIMA-1 Targets the Vulnerability of Multiple Myeloma of Deregulated Protein Homeostasis through the Perturbation of ER Stress via p73 Demethylation. (*Oncotarget*, Aug 2016)

In this extensive study of PRIMA-1, Prof Chng Wee Joo and team discovered the additive therapeutic effect of PRIMA-1 with another anticancer drug, bortezomib. PRIMA-1 is highly useful due to its partial ability to reverse drug resistance.



## TIP60 Inhibits Metastasis by Ablating DNMT1-SNAIL2-driven Epithelial-Mesenchymal Transition Program (*J Mol Cell Bio*, Sep 2016)

Dr Sudhakar Jha and team show that TIP60 can inhibit metastasis by interacting with proteins DNMT1 and SNAIL2. They propose that reactivation of TIP60 in breast cancer patients with low TIP60 levels can prevent the spread of cancer cells. This can potentially be translated into therapeutic options.



## Phase Ib/II Randomized, Open-Label Study of Doxorubicin and Cyclophosphamide with or without Low-Dose, Short-Course Sunitinib in the Pre-operative Treatment of Breast Cancer. (*Oncotarget*, Aug 2016)

A/Prof Lee Soo Chin, Prof Goh Boon Cher and Dr Andrea Wong found exciting evidence that the usage of sunitinib may potentially enhance chemotherapy for breast cancer patients. They have further plans to study sunitinib with alternative cytotoxic regimens.



## Visit by Acting Minister for Education, Mr. Ong Ye Kung

On 5 September 2016, CSI Singapore hosted a visit by Acting Minister for Education, Mr. Ong Ye Kung, who was accompanied by Ministry of Education Divisional Director Dr. Benjamin Koh, as well as other representatives from the Ministry of Education.



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## UPCOMING EVENTS

Frontiers in Cancer Science 2016  
7-9 Nov

## GRADUATE PROGRAM

### Success at NCAM 2016

In his first presentation in a conference, Wei Zhong, PhD student from Dr Takaomi Sanda's group, presented on "Oncogenic Role of ARID5B in the Molecular Pathogenesis of T-Cell Acute Lymphoblastic Leukemia". For his presentation, he clinched the Best Oral Presentation award in NCAM 2016.



## RNA CLUB

The RNA Club focuses on RNA biology and human diseases. For their previous meetings, RNA Club has invited a good mix of international and local speakers which include Drs. Hu Qidong, Marcel Dinger and Volker Patzel. Through these meetings, the club hopes to bring all RNA researchers in Singapore together for fruitful discussions and collaborations.