

CANCER SCIENCE INSTITUTE OF SINGAPORE IN THE SPOTLIGHT

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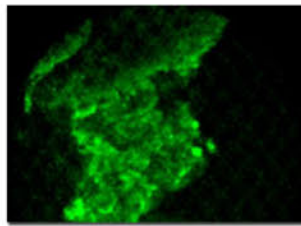
ADAR-Mediated RNA Editing Predicts Progression and Prognosis of Gastric Cancer. (*Gastroenterology*, Jun 2016)

Research team led by Dr Polly Chen and Prof Patrick Tan had a major finding which may potentially enable a more effective treatment for gastric cancer with early detection. They discovered that ADAR1 and ADAR2 could potentially be used to detect problems leading to gastric cancer which is a deadly disease in Asia.



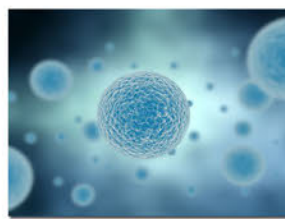
CEACAM6 is Upregulated by Helicobacter pylori CagA and is a Biomarker for Early Gastric Cancer. (*Oncotarget*, Jul 2016)

In this exciting publication, Dr Anand Jeyasekharan and team describe the discovery of a promising biomarker CEACAM6 for the diagnosis of neoplastic lesions in the stomach. His team is the first to identify the novel link between CEACAM6 expression and the bacteria *H. pylori* CagA.



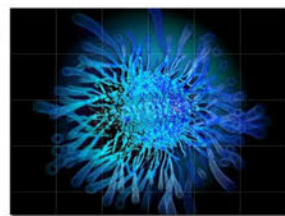
MnSOD Expression Regulates the Switch between an Epithelial to a Mesenchymal-like Phenotype in Mammary Carcinoma. (*Antioxid Redox Signal*, Jul 2016)

Dr Alan Prem Kumar and his team found groundbreaking evidence that MnSOD has a role to play in turning cancer cells invasive. This significant finding can potentially be translated into therapeutic target.



EMT: 2016. (*Cell*, Jun 2016)

In this outstanding review, Prof Jean Paul Thiery and Dr Ruby Huang discuss the current state-of-the-art and latest findings surrounding EMT. They also raised questions and identified the challenges faced in this fast-moving field.



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EMT: 2016

UPCOMING EVENTS

RNA Biology Symposium
8-9 Sept

Frontiers in Cancer Science 2016
7-9 Nov

APPLY NOW

PhD Program in Cancer Biology

RNA Scholarship

GRADUATE PROGRAM

Congratulations to the Class of 2016!

The Class of 2016 has graduated! On 8 Jul 2016, the Class of 2016 had a reunion during the Graduation Tea Party to mark the end of their PhD Journey in CSI Singapore.

CHROMATIN REMODELING GROUP

Chromatin Remodeling Group (CRG) Club was started in April 2012 with the aim to discuss the role of histone acetyltransferases. For the past two meetings, Deepa Rajagopalan from Dr. Jha's group discussed how and why viruses target TIP60 and Dr. Akihiko Numata from Prof Tenen's group discussed TIP60's role in hematopoiesis.