

CANCER SCIENCE INSTITUTE OF SINGAPORE IN THE SPOTLIGHT

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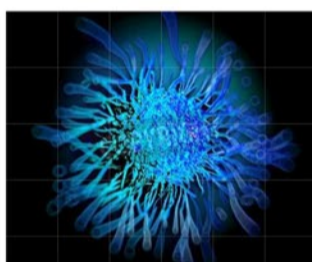
Targeting Super-Enhancer-Associated Oncogenes in Oesophageal Squamous Cell Carcinoma (OSCC) (Gut, May 2016)

While mutations underlying OSCC have been established, there is still no molecular therapy available. Prof Koeffler and his team conducted research to identify druggable candidates and highlighted a kinase, PAK4, as a potentially significant candidate drug.



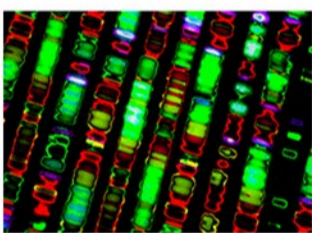
Exosome-Mediated Metastasis: From Epithelial-Mesenchymal Transition to Escape from Immunosurveillance. (Trends Pharmacol Sci, May 2016)

In this review, researchers from Prof Goh Boon Cher's team explain that in addition to familiar underlying mechanisms of DNA mutations which can result in cancer, cancer cells can also take advantage of exosomes to spread. This proof in principle provides a novel therapeutic strategy against cancer.



Comprehensive Mutational Analysis of Primary and Relapse Acute Promyelocytic Leukemia (APL). (Leukemia, Apr 2016)

The Koeffler team carried out a comprehensive genomic study of primary and relapse APL cases which identified new genetic alterations contributing to onset of this disease. This information provides an enhanced road map for the study of the molecular basis of APL.



STEM Series Part 3: An Interview with our Graduate Students

CSI Singapore actively promotes Science through different avenues. STEM Series is a 3 part story that features how CSI Singapore contributes to the Science scene. In the last part of this three-part series, our PhD students who graduated in 2015, Dr Desmond Chin and Dr Lavina Tay, share with us their passion for science.



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UPCOMING EVENTS

CSI-NCIS
Lung Cancer Symposium
25 July

RNA Biology Symposium
8-9 Sept

Frontiers in
Cancer Science 2016
7-9 Nov

GRADUATE PROGRAM

The 5th Asia-Pacific Breast Cancer Summit: A Clinical Conference from the Perspective of a Fledgling Scientist

Patrick Jaynes, CSI graduate student from Dr Pieter Eichhorn's group, recently attended the 5th Asia-Pacific Breast Cancer Summit. He gained a fresh new perspective on how the clinical and research aspects are bridged.

