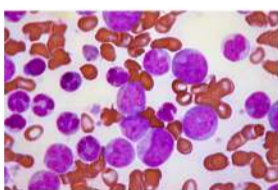


CANCER SCIENCE INSTITUTE OF SINGAPORE IN THE SPOTLIGHT

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Aberrant Activation of the GIMAP Enhancer by Oncogenic Transcription Factors in T-Cell Acute Lymphoblastic Leukemia. (*Leukemia*, Jan 2017)

Building on previous findings, Dr Takaomi Sanda and his team have rendered a novel mechanism, where TAL1 plays a part in T-cell leukemia progression through the induction of the GIMAP enhancer activity in generating mature T-cells in the thymus.



ZBTB48 is Both a Vertebrate Telomere-Binding Protein and a Transcriptional Activator. (*EMBO Rep*, Apr 2017)

In this intriguing study led by Dr Dennis Kappei, the team found a novel telomere-binding protein called ZBTB48, which was found to restrict telomere lengthening and has a role as a transcriptional activator that controls a specific set of target genes, notably mitochondrial gene MTFP1. This elegant study intrinsically connected both telomere and mitochondrial internal stability.



Trefoil Factor 3 Mediation of Oncogenicity and Chemoresistance in Hepatocellular Carcinoma is AKT-BCL-2 Dependent. (*Oncotarget*, Apr 2017)

HCC is the predominant primary liver cancer in humans with a high mortality rate. Prof Peter Lobie with his team have uncovered the impact of TFF3 expression on malignant development of HCC, allowing for potential to develop targeted therapeutics for HCC treatment.



IN THIS ISSUE

Activation of the GIMAP Enhancer in TAL1

ZBTB48 is a Telomere-Binding Protein and a Transcriptional Activator

Impact of TFF3 Expression in Hepatocellular Carcinoma

UPCOMING EVENTS

CSI Research Meeting
2 June 2017

RNA Club – Katsutomo Okamura
6 June 2017

BOCA Pow-Wow
13 June 2017

JAPANESE MINISTER HIROKAZU MATSUNO VISITS CSI SINGAPORE

CSI Singapore was honoured to welcome the Japanese Minister of Education, Culture, Sports, Science and Technology, Mr Hirokazu Matsuno. Hosted by Prof Toshio Suda and Prof Yoshiaki Ito, highlights of the visit included an overview presentation of NUS, and discussion about the research environment in Singapore and our existing collaborations with Japan.



GRADUATE PROGRAM

Congratulations to CSI PhD Students Eve Wang Chao & Shreya Kar!

Eve Wang Chao and Shreya Kar from Dr Alan Prem Kumar's team recently won awards at the 10th Global Breast Cancer Conference 2017 held at Jeju Island, South Korea. Eve received the Korea Breast Cancer Foundation Scholarship for Outstanding Oral Presentation, and Shreya was awarded the Good Poster Award.



RNA BIOLOGY SYMPOSIUM

CSI Singapore is hosting the 3rd RNA Biology Symposium from 5 to 6 October 2017. Join us at a scientific conference packed with internationally renowned experts in the field of RNA biology! Abstract submission & registration are now open!

