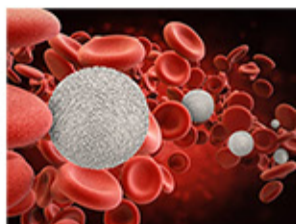


CANCER SCIENCE INSTITUTE OF SINGAPORE IN THE SPOTLIGHT

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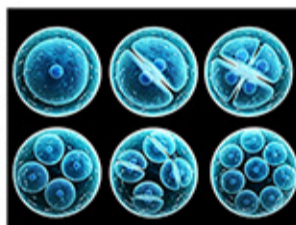
Identification of Novel lncRNAs Regulated by the TAL1 Complex in T-cell ALL (*Leukemia*, Mar 2018)

TAL1/SCL is one of the most prevalent oncogenes in T-cell acute lymphoblastic leukemia (T-ALL). Analysis of RNAseq datasets by Dr Takaomi Sanda's group identified lncRNAs which are activated by TAL1 in T-ALL. Findings from the paper will provide a better understanding of the non-coding regulation of T-ALL development.



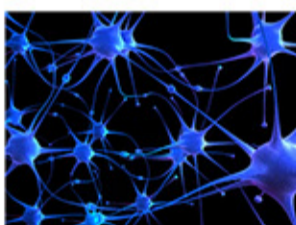
The STAT3 Target Mettl8 Regulates Mouse ESC Differentiation via Inhibiting the JNK Pathway (*Stem Cell Reports*, Apr 2018)

Exciting research from Prof Xin-Yuan Fu's group uncovered a new target protein of STAT3, called Mettl8. They found that Mettl8 interacts with RNA to alter JNK signalling in mouse embryonic stem cells (mESC). By preventing JNK signalling, Mettl8 encourages stem cells to differentiate and prevents maintenance of stem cell identity.



Targetable BET Proteins- and E2F1-dependent Transcriptional Program Maintains the Malignancy of Glioblastoma. (*Proc Natl Acad Sci USA*, May 2018)

In a novel step forward against glioblastoma, Prof H. Phillip Koeffler's team used a next-generation chemical degrader of BET proteins (dBET6) and induced a targeted degradation of BET proteins in GBM. Results from this research reveals crucial functions of BET proteins and indicates that targeted degradation of BET proteins in GBM has therapeutic merits.



VISIT BY PROF MICHAEL HENGARTNER, PRESIDENT OF UNIVERSITY OF ZURICH

CSI Singapore was honoured to host a visit from Prof Michael Hengartner, President of the University of Zurich, on 7 May 2018. The visit was hosted by CSI Deputy Director Prof Chng Wee Joo, who provided an overview of the research work at CSI, as well as a lab tour of our world class facilities.



REGISTER NOW! 4TH RNA BIOLOGY SYMPOSIUM 2018

The 4th Annual RNA Biology Symposium will be held from 13-14 September 2018, at the Clinical Research Centre (MD11) Auditorium! Join us to listen to the latest developments in RNA Biology research and learn from a panel of distinguished scientists. Keynote speakers for the symposium are Prof Paul Agris (Univ of Albany) and Prof Ada Yonath (Weizmann Institute of Science). Early bird registrations are now open for individual and group registrations! Abstract submissions are also open - Present your research poster and stand a chance to win exciting prizes.

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Novel lncRNAs Regulated by TAL1 Complex in T-cell ALL

STAT3 Target Mettl8 Inhibits JNK Pathway to Regulate Mouse ESC Differentiation

Targetable BET Proteins- and E2F1-dependent Transcriptional Program Maintains the Malignancy of Glioblastoma

UPCOMING EVENTS

CSI Research Meeting
1 Jun 2018

RNA Biology
Centre Meeting
4 Jun 2018

CSI Research Meeting
22 Jun 2018

**CLICK HERE
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AND SUBMIT
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