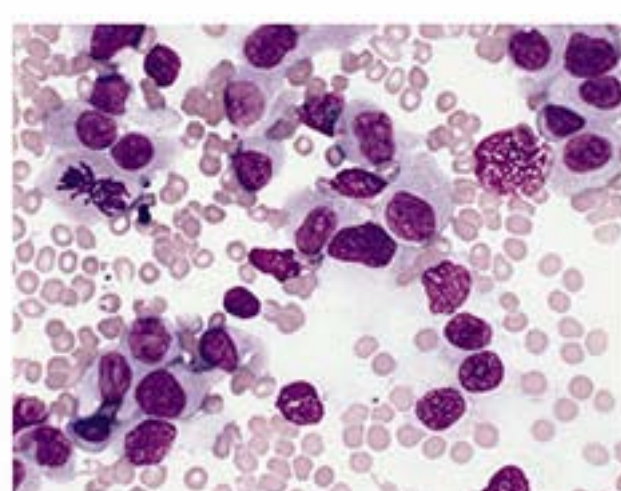


CANCER SCIENCE INSTITUTE OF SINGAPORE IN THE SPOTLIGHT

ISSUE 59 | DEC 2018

Mutational and Transcriptomic Profiling of Acute Leukemia of Ambiguous Lineage Reveals Obscure but Clinically Important Lineage Bias. (*Haematologica*, Dec 2018)

In this study on acute leukemia of ambiguous lineage (ALAL), Prof H. Phillip Koefler and team demonstrated that this rare group of blood cancers may be attributed to mutations of both myeloid and lymphoid neoplasm associated genes. Their findings could pave the way for future therapeutic developments.



IN THIS ISSUE

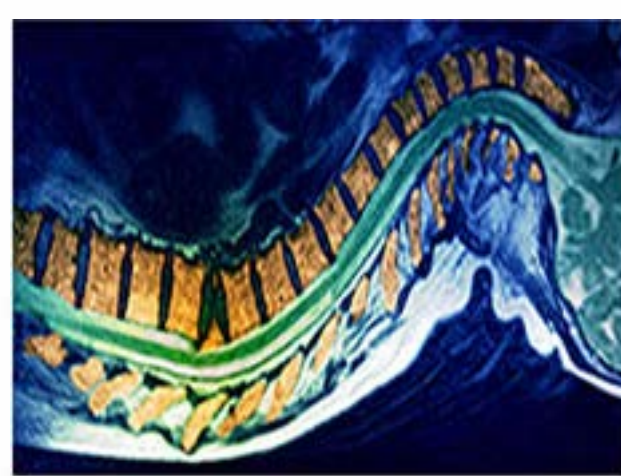
Mutational and Transcriptomic Profiling of ALAL

MMSET I Acts as an Oncoprotein and Regulates GLO1 Expression

Novel miRNA Pathway Promotes Tumorigenesis in Liver Cancer

MMSET I Acts as an Oncoprotein and Regulates GLO1 Expression in t(4;14) Multiple Myeloma Cells. (*Leukemia*, Nov 2018)

Exciting research from Prof Chng Wee Joo's team identified Multiple Myeloma SET1 (MMSET I) as an oncoprotein. They established its regulatory role in promoting glyoxalase I (GLO1) expression in T(4;14) multiple myeloma cells. Results of this study will contribute to the development of novel and effective therapeutic modality for T(4;14) multiple myeloma.



A Novel SOCS5/miR-18/miR-25 Axis Promotes Tumorigenesis in Liver Cancer. (*Int J Cancer*, Jan 2019)

Dr Yvonne Tay and her team uncovered an exceptional association of miR-18a, miR-25 in Hepatocellular Carcinoma (HCC) with SOCS5, a tumour suppressor of liver cancer. The study found that the SOCS5/miR-18a/miR-25 axis exhibits regulatory and signalling roles in HCC, providing a potential path for the treatment of HCC through miR-18a and miR-25 inhibition.



UPCOMING EVENTS

CSI Seminar
Constance Bonifer & Peter Cockerill
11 Jan 2019

CSI Seminar
Charles David
18 Jan 2019

CSI Seminar
Chiang Cheng-Ming
18 Jan 2019

SAVE THESE DATES!

