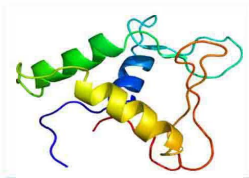


CANCER SCIENCE INSTITUTE OF SINGAPORE IN THE SPOTLIGHT

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Expanding the Effects of ERG on Chromatin Landscapes and Dysregulated Transcription in Prostate Cancer. (*Nat Genet*, Aug 2017)

In this paper, Dr Melissa Fullwood and Dr Deepak Babu conducted a review of the role of the ERG gene in the chromatin landscape of prostate cancer, which is the most common cancer in men over 50 years old.



Selinexor (KPT-330) has Antitumor Activity against Anaplastic Thyroid Carcinoma *in vitro* and *in vivo* and Enhances Sensitivity to Doxorubicin. (*Sci Rep*, Aug 2017)

Anaplastic thyroid carcinoma (ATC) is an aggressive and rare cancer of the thyroid with a very low cure rate. In this novel study, Prof H. Phillip Koeffler and team studied human ATC cells and showed that Selinexor, an anti-cancer drug, exhibits potential for treatment of ATC.



TIP60 Represses Telomerase Expression by Inhibiting Sp1 Binding to the TERT Promoter. (*PLoS Pathog*, Oct 2017)

Dr Sudhakar Jha and team conducted an exciting research study that shows how TIP60 is able to prevent telomerase expression. This hold great potential for cancers, as preventing telomerase expression can potentially stop the growth of cancer cells.



IN THIS ISSUE

Expanding the Effects of ERG in Prostate Cancer

Selinexor (KPT-330) has Antitumor Activity and Enhances Sensitivity to Doxorubicin

TIP60 Represses Telomerase Expression

UPCOMING EVENTS

Frontiers in Cancer Science
6 - 8 November 2017

CSI Research Meeting
24 November 2017

CSI Seminar
Hideyuki Saya
28 November 2017

CONGRATULATIONS

CSI Singapore Won Three Awards at the Scientific Frontiers in Natural Product Based Drugs 2017

Congratulations to our CSI Research Assistants, Ms Madhu Mathi Kanchi and Ms Eve Wang Chao, and PhD student, Ms Shreya Kar, from Dr Alan Prem Kumar's group for winning awards at the International Conference on Scientific Frontiers in Natural Product Based Drugs 2017! It was held from 6 to 7 July at National University of Singapore. Madhu and Shreya won the Best Poster Scientific Presentation Awards while Eve received the Best Oral Scientific Presentation Award.

