CSCB Seminar Series

DUKE NUS GRADUATE MEDICAL SCHOOL SINGAPORE

Title:

"PRMT5: Learning From Development To Target Splicing In Cancer Therapy."

Abstract:

Deregulated expression of the MYC transcription factor occurs in the majority of human cancers, and correlates with high proliferation, reprogrammed cellular metabolism and poor prognosis. Dr Guccione will discuss how, during lymphomagenesis, an essential function of MYC is to upregulate the Protein Arginine MethylTransferase PRMT5 to sustain a functional splicing machinery.

Date:

14 May 2014 (Wednesday)

Time:

12:00 NN to 1:00 PM

Venue:

Conference Room 4D, Level 4
Duke-NUS Grad Med Sch
8 College Road, S169857

(Opposite Singapore General Hospital, Block 6/7)

Host:

Sin Tiong ONG, MA, MRCP
Associate Professor
Program in Cancer & Stem Cell Biology
Duke-NUS Graduate medical School Singapore

"No registration is required."
Any enquiry, please contact Lilian Poon (Tel: 6601 3779)

Speaker:

Ernesto GUCCIONE, Ph.D.
Assistant Professor,
Institute of Molecular and Cell Biology (IMCB), Singapore

Biography:

Dr. Guccione obtained his Master's degree in Medical Biotechnology in 2000 from Bologna University and his PhD in 2004 from the International Center for Genetic Engineering and Biotechnology (ICGEB), Trieste, Italy. He did his postdoctoral work at the European Institute of Oncology (Milan, Italy) where he studied the role of chromatin in defining c-Myc target site recognition. He also identified PRMT6, a member of the Protein Arginine MethylTransferase family, as an important enzyme in controlling transcriptional repression. During his postdoctoral training, he spent four months as an EMBO fellow in the laboratory of J.LaBaer at Harvard Institute of Proteomics. He joined the Institute of Molecular and Cell Biology (IMCB) in 2008 as an Assistant Professor.