



Title:

“The regulation of cellular biology by ubiquitination and acetylation.”

Abstract:

Posttranslation modifications are important regulators of cellular biology. Phosphorylation, acetylation and ubiquitination regulate the activity and abundance of proteins after their synthesis. I will talk about using new and established methods to identify modified proteins and the role of these modifications in the response to cellular stress.

Date:

**5 February 2015
(Thursday)**

Time:

12:00 PM to 1:00 PM

Venue:

**Amphitheatre, Lvl 2
Duke-NUS Grad Med School
8 College Road, S169857**

(Opposite Singapore General Hospital, Block 6/7)

Host:

SangHyun LEE, Ph.D.

Assistant 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:



David TOCZYSKI

Professor
Dept of Biochemistry & Biophysics
University of California, San Francisco, CA
USA

Biography:

Dr. David Toczyski was a graduate student at Yale with Joan Steitz studying small RNAs and a postdoctoral fellow at the Fred Hutchinson Cancer Center with Lee Hartwell, where he identified Polo kinase as a negative regulator of the checkpoint in yeast. He started his laboratory in the Biochemistry Department/Cancer Center at UCSF in 1998. His laboratory primarily studies ubiquitin biology and also the response to DNA damage and cellular stress in both yeast and human cells.