



**Title:**

## “Molecular Mechanisms of Chromosome Segregation.”

**Abstract:**

During mitosis, the spindle checkpoint senses kinetochores not properly attached to spindle microtubules and prevents precocious sister-chromatid separation and aneuploidy. I will discuss our recent studies on the assembly mechanisms of a checkpoint sensor at kinetochores and on the cellular strategy for detecting unattached kinetochores.

**Date:**

**14 October 2014  
(Tuesday)**

**Time:**

**4:00 PM to 5:00 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:**



**Hongtao YU, Ph.D.**

Professor  
University of Texas Southwestern Medical Center

**Biography:**

**Dr. Hongtao YU** is Professor of Pharmacology at University of Texas Southwestern Medical Center and Investigator at Howard Hughes Medical Institute. Dr. Yu received his B.S. from Peking University, and Ph.D. and postdoctoral training from Harvard University. He began his independent career at UT Southwestern in 1999. He was promoted to Professor and selected as an HHMI Investigator in 2008. Using a multidisciplinary approach, his lab studies the cellular mechanisms that govern genetic stability.