THE CHINESE UNIVERSITY OF HONG KONG

SCHOOL OF LIFE SCIENCES

Cell and Molecular Biology Program

Centre for Cell & Developmental Biology

Centre for Organelle Biogenesis and Function

The role of the motor protein KIF5B and the scaffolding protein JLP in proteasomal degradation of the oncoprotein c-MYC

By

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on

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at

16:00

in

Room 297, Science Centre

In the seminar, you will learn that

1) The motor protein KIF5B transports the oncoprotein c-MYC for the proteasomal degradation in the cytoplasm;
2) The scaffolding protein JLP tethers KIF5B and c-MYC to form a ternary complex and the complex is involved in transporting c-MYC for the proteasomal degradation;
3) KIF5B determines the subcellular localization of the complex; and
4) KIF5B and JLP regulate c-MYC degradation and c-MYC-mediated transformation

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