



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY
Division of Life Science

LIFS Seminar Series

Alerting stem cells to improve tissue repair

by

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Abstract

The injury-induced activation of stem cells is a key step in initiating tissue repair. I will talk about our work studying the dynamics of the stem cell activation response. We have found that the speed by which stem cells activate, in response to tissue injury, is remarkably plastic and regulated by systemic signals and by aging. I will highlight the molecular regulation and therapeutic potential of a particular stem cell response that we have identified in which stem cells are primed to rapidly initiate tissue repair, a response that we term “G_{Alert}”.

Date : **5 January 2018 (Friday)**
Time : **4:00 p.m.**
Venue : **Lecture Theatre C (near Lift no. 26)**
The Hong Kong University of Science & Technology, Clear Water Bay, Kowloon

(Host faculty : Dr. Tom Cheung)

All are Welcome!!