



THE CHINESE UNIVERSITY OF HONG KONG
SCHOOL OF LIFE SCIENCES

**LIFE SCIENCES SEMINAR SERIES
2014 – 2015**

Food and Plant Sciences Focus Group

Big Data and Cucumber Biology

by

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&
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on

5 September 2014
(Friday)

at

12:30 – 1:15 pm

at

L2, Science Centre
The Chinese University of Hong Kong

ALL ARE WELCOME

The invited speaker will share his valuable experience with us regarding how to utilize next generation sequencing technology and big genomic data to study novel genetic and molecular mechanisms (e.g. the occurrence of bitterness, sex determination, fruit and tendril development) in agriculturally important plant species.

Qi *et al.*, (2013) A genomic variation map provides insights into the genetic basis of cucumber domestication and diversity. *Nature Genetics*, 45:1510–1515.

Huang *et al.*, (2009) The genome of the cucumber, *Cucumis sativus* L. *Nature Genetics*, 41:1275-1281.