



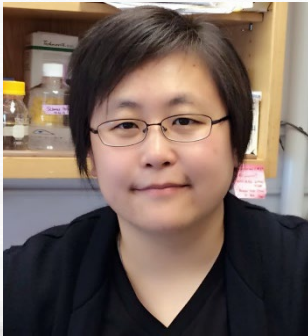
# GENOME:



# THE GIS SPEAKER SERIES

## The functional roles of RNA structure in plants

*25 May (Wednesday) · 10am (SGT, GMT+8)*



**Dr. Yiliang Ding**

Group Leader  
John Innes Centre  
UK

This seminar is  
hosted by:

Dr. WAN Yue  
(A\*STAR's GIS)

Zoom QR code:



Regulation of RNA levels has garnered much attention in recent years because of its direct and rapid regulation of protein levels. RNA structure plays critical roles in this gene regulation. The development of in vivo RNA structure profiling methods in the past several years has transformed our understanding of how RNAs fold and regulate gene expression in living cells. Dr. Ding's group has been exploring the functional roles of RNA structure in plants. This talk describes her new findings and discusses the RNA structure-dependent regulations of biological processes.

Dr. Ding has been a group leader at the John Innes Centre since 2014. Dr. Ding's research focuses on understanding the roles of RNA structure in plants. She has been awarded David Phillips Fellowship and ERC starting grant. Prior to her move to the John Innes Centre as a group leader, Dr. Ding worked as a joint postdoctoral scholar in the Department of Chemistry and Department of Biology at the Penn State University from 2010 to 2013. She studied for her PhD at the John Innes Centre under the supervision of Professor Giles Oldroyd FRS from 2005 to 2009, studying the regulation of Legume symbiosis. Prior to this Dr. Ding studied at the Shanghai Jiaotong University and received a BSc in Plant Science.