



Department of Biological Sciences Seminar Announcement

Centromere - to be or not to be is the question.

Centromere is the locus on which spindle microtubules attach and hence is essential for precise chromosome segregation. CENP-A, the centromere-specific histone H3 variant, plays an essential role in the determination of a centromere. CENP-A forms part of the fundamental scaffold and determines the localization of many centromere proteins. How is CENP-A localized to the centromere in the first place? Previously, we have isolated Mis6 as a component of the CENP-A-localizing mechanism. Now we report another player, Ams2. Surprisingly, Ams2 is a GATA factor. How a GATA factor regulates centromere architecture at the molecular level will be discussed.

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Date: 26 February 2003, Wed

Time: 4 - 5pm

Venue: LT 32

Host: Dr Chan Woon Khiong

All are welcome