

Department of Biological Sciences  
Seminar Announcement

# c-Jun N-terminal Kinase (JNK) signalling: Specific roles or just redundant *junk*?



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The three different c-Jun N-terminal kinases (JNKs) are activated in multiple cell types by both apoptotic and mitogenic signals, and in turn regulate the activity of transcription factors such as c-Jun. Being highly homologous and ubiquitously expressed, the JNK1 and JNK2 proteins have been thought to perform redundant functions in many physiological process. However, our data from *Jnk1*<sup>-/-</sup> or *Jnk2*<sup>-/-</sup> cells and mice suggest that both JNK isozymes perform distinct functions in regulating various cellular process via differential regulation of c-Jun and other targets. Detailed results will be discussed.

**Date:** 22 October 2004, Friday

**Time:** 4 pm

**Venue:** LT 20

**Host :** Dr Ng Huck Hui

**All are welcome**

