

## Fourier Transform Mass Spectrometry *and* Electron Capture Dissociation for Protein Characterization



Sze Siu Kwan, Newman

Genome Institute of Singapore, 1 Science  
Park Road, Singapore 117528



**Fourier transform mass spectrometer (FTMS) is the most powerful mass spectrometer for proteomics analysis because of its resolution, high mass accuracy, high sensitivity and many tandem mass spectrometric techniques available. The most potent tandem mass spectrometric technique in FTMS is electron capture dissociation (ECD) which can produce extensive sequence information for protein characterization directly from intact protein. The application of FTMS and ECD to study biological system such as post translational modification of protein will be discussed.**

Date: Friday September 13, 2002  
Venue: LT 20  
Time: 4 - 5 pm  
Host: Dr Henry Mok

All are welcome