

School of Biomedical Sciences presents

# Professor John Sedat

‘OMX, a new paradigm for Wide-Field  
Optical Microscopy’

Friday, 15 June 2007

John Sedat is a professor in biochemistry at the University of California, San Francisco. He received his PhD in Biology from Caltech in Pasadena, CA in 1970 followed by postdoctoral study under Fred Sanger at the MRC in Cambridge, England. Subsequently, he spent approximately a year at the Hebrew University at Hadassah in Jerusalem, Israel where the Drosophila and chromosome study started. Several years at Yale followed, and he has been at UCSF since 1977.

The scientific efforts are directed toward deciphering higher order chromosome structure, an unsolved problem, using Drosophila as a model system. Interestingly, those studies have required development, in collaboration with his colleague, David Agard, of several optical microscope systems to adequately visualize and quantitate the intricate chromosomal organization.

## Time

12–1 pm

## Venue

M2 Lecture theatre  
Building 13A  
Clayton campus  
Monash University