



Single Molecule Localization Microscopy and Its Applications

by

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Abstract

Over the past ten years, super resolution microscopes featuring up to ten times the resolution of conventional light microscopy have been widely used, allowing the investigation of biological systems at nanometer scale. Here, the principle of single molecule localization microscopy and its applications in various biological fields will be introduced, including cell biology, neuron science, microbiology and super resolution Fluorescence in situ hybridization (FISH).

Nanobioimaging Ltd. is a local company specialized in commercial single molecule localization microscopy. Its product has been sold to University of Hong Kong, Sun Yat-sen University, etc. Nanobioimaging Ltd also provides super resolution imaging service to researchers.

Date : 8th September, 2017

Time : 4:00pm – 5:30pm

Venue : Meeting Room 1B-G04, G/F, Block 1, To Yuen Building, City University of Hong Kong

(Host faculty: Dr. Wenjun Xiong)

All are Welcome!