15 - Imaging

FS - (23875) - MICROSCOPY FOR HISTOLOGY AND CELL BIOLOGY

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No conflicts of interest regarding this symposium

Symposium General Presentation/Abstract

Advances in microscopy have contributed greatly to the development of cytology and histology. In this symposium, we will introduce recent research topics using different microscopy techniques (i.e., confocal laser microscopy, scanning electron microscopy, atomic force microscopy and scanning ion conductance microscopy), and show the future potential of each technique in the fields of histology and cell biology.

1. Noboru Sato, Kenichi Soma, Keisuke Watanabe, Hiroshi Nagashima (Japan) Development of limb-innervating motor neurons in chick and fish by confocal laser microscopy

2. Daisuke Koga (Japan) Golgi apparatus and scanning electron microscopy

3. Osamu Hoshi（Japan) The high-order structure of chromosomes studied by atomic force microscopy

4. Tatsuo Ushiki, Yusuke Mizutani (Japan; Sapporo, Japan) Scanning Ion conductance microscopy for histology

Palavras-chave : Microscopy, cell biology