

Carl Zeiss MicroImaging
カールツァイスマイクロイメージング株式会社

2009年 12月 10日 (Thu) 12:00 ~ 13:00

“Explorer New Dimensions” from Carl Zeiss

Place : Conference Center 3F, PACIFICO YOKOHAMA/
第6会場(パシフィコ横浜 会議センター 3階ラウンジ)

Session No : 2BT6

座 長 : 石館 文義 カールツァイスマイクロイメージング株式会社

New developments in fluorescent biomedical imaging

演 者: Dr.Bernhard Zimmermann / Carl Zeiss MicroImaging GmbH

【概 要】

Modern methods and instruments for microscopic imaging are important tools for direct visualization of biological structures on various organizational levels, i.e. from subcellular to the organism. All these investigations aim at elucidating biological function arising from the dynamic interplay of biological molecules. These molecules in turn typically act at low concentrations and often in locally restricted subcellular compartments and domains. This is asking for maximum sensitivity and spatial resolution of any optical detection system involved and is creating ever new challenges to be met by developments in microscopy.

The presentation will introduce to the most recent developments from Carl Zeiss, in particular in the field of confocal and superresolution light microscopy, and highlight applications that benefit from these new solutions.

Zooming in on and Zooming out of Biological Structures

演 者: 宮脇 敦史 独立行政法人 理化学研究所 脳科学総合研究センター 細胞機能探索技術開発チーム チームリーダー



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