

2015/09/07

WPI-next International Workshop -High Resolution Cell Biology-

名古屋大学創薬科学研究科 廣明秀一

名古屋大学理学研究科附属構造生物学研究センター 宮ノ入洋平

[日時]2015年10月1日(木) 9時20分~16時20分

[場所]名古屋大学東山キャンパス工学部 ES 館 1F セミナー室名古屋市営地下鉄名城線「名古屋大学駅」2番もしくは3番出入口より(キャンパスマップ C2④) <http://www.nagoya-u.ac.jp/access-map/>

[Program]

9:20 Opening remarks

9:30-10:10 Jiro USUKURA (Nagoya Univ.)

High resolution *in situ* imaging of cytoskeleton by AFM in liquid environment

10:10-10:30 Shiwei ZHU (Nagoya Univ.)

Roles of a stator associated protein FliL in the sodium-driven flagellar motor of *Vibrio*

10:30-10:50 Coffee Break

10:50-11:10 Joshua J. ZIAREK (Harvard Medical School, USA)

Deciphering GPCR signal transduction through solution NMR: challenges and technical solutions

11:10-11:30 Naoko IWAYA (Nagoya Univ.)

Structure and function of katanin, a microtubule severing protein

11:30-12:10 Peter GUENTERT (Goethe Univ. Frankfurt, Germany)

Insight into protein structure and dynamics from solution- and solid-state NMR

12:10-13:10 Lunch

13:10-13:50 David POPP (A*STAR IMCB, Singapore)

Science is a good game

13:50-14:10 Adrian KOH (National Univ. of Singapore)

Bacterial Actin homologues in *Clostridium Perfringens* and *Botulinum*

14:10-14:30 Kotaro TANAKA (Nagoya Univ.)

Elucidation of structural change in actin filament invoked by cofilin

14:30-14:50 Coffee Break

14:50-15:30 Asako SHINDO (Nagoya Univ.)

Planar cell polarity pathway coordinates cortical actomyosin during collective cell movement

15:30-16:10 Takayuki NISHIZAKA (Gakushuin Univ.)

Mechanics of Motor Proteins and Supermolecular Motility Machinery Revealed under Advanced Optical Microscopes

16:20 Closing remarks

[お問い合わせ] 名古屋大学理学研究科附属構造生物学研究センター

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