

JSPS 日中韓フォーサイト事業

アジア化学プローブ研究拠点

# 第3回 A3 Young Scientist & Young PI Meeting

平成31年2月22日(金) 9:00-15:00 於: 青葉サイエンスホール

9:00-9:25 伊藤 寛晃 (東京大薬・井上研・助教)

Target Identification of Anticancer Natural Product Yaku'amide B

9:25-9:40 新井 雄太 (東京農工大工・大栗研・M1)

Towards Divergent Synthesis of Manzamine-type Alkaloidal Skeletons: Regio-controlled Dimerizations of Dihydropyridines

9:40-9:55 久保田 大貴 (東京農工大工・大栗研・M1)

Design and Systematic Synthesis of Skeletally Diverse Covalent Alkaloidal Binders Bearing a Michael Acceptor Moiety

9:55-10:10 瀧野 純矢 (北海道大理・及川研・M1)

Deciphering the biosynthetic machinery of abscisic acid in fungi

10:10-10:25 二村 友香 (大阪大理・深瀬研・M2)

Analysis of electrostatic interaction of transmembrane peptide of insulin receptor with acidic glycolipid GM3

10:25-10:40 — Break —

10:40-10:55 前野 優香理 (東北大農・山下研・M2)

Chemical approach to biosynthetic pathways of amnesic shellfish toxin domoic acid and anthelmintic compound kainic acid

10:55-11:10 吉岡 広大 (東京大定量生研・橋本研・D2)

Chemical genetics approach identifies squalene as a novel feedback regulator of squalene epoxidase stability

11:10-11:25 大澤 晋 (理化学研究所・吉田研・P D)

Chemical and genetic regulation of nitrogen catabolite repression in the fission yeast *Schizosaccharomyces pombe*

11:25-11:40 河村 玄気 (東京大理・小澤研・D3)

Integrative multi-omics analysis of Akt signaling pathway by optogenetic approach

11:40-11:55 Gao Jingchi (大阪大工・菊地研・D2)

Development of fluorogenic probe based on red-shifted coumarin ligand for rapid protein labeling in living cells

12:00-13:00 — Break —

13:00-13:15 八木 勇樹 (大阪大産研・中谷研・M2)

Toward site selective modification of pyrimidine bases flipped out by naphthyridine carbamate dimer binding

13:15-13:30 片岡 由佳 (群馬大理工・桑原研・D3)

N3-Modified thioflavin T derivatives for specific target detections

13:30-13:45 山野 雄平 (名古屋大工・浅沼研・D1)

Photo-regulation of SNA duplex formation by using reversible [2+2] cycloaddition reaction

13:45-14:00 豊田 洋介 (東京大定量生物研・橋本研・D2)

Development of transrepression selective PPAR $\gamma$  ligands

14:00-14:15 Yihong Feng (京都大理・杉山研・D1)

Direct observation of nucleosome in DNA frame using high-speed AFM

14:15-14:40 下山 敦史 (大阪大理・深瀬研・助教)

Synthesis and immunomodulating function of symbiotic bacterial lipopolysaccharide partial structures

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