1st Asian Symposium on Analytical Sciences  
Program (17-19/Sept/2014)

17th (Wed) Morning  
9:25-9:30 Opening Address  Norio TERAMAE, President of JSAC（寺前紀夫, 会長）

Chair : Koji SUZUKI（鈴木孝治）

9:30-10:10 Plenary Lecture  Yun-Bao JIANG, Xiamen Univ. (江 云宝, 厦门大学)
  Chiral Sensing using Aggregates of Achiral Dyes

Chair: Naoya NISHI（西 直哉）

10:10-10:40 Keynote Lecture  Aijun TONG, Tsinghua Univ. (童 爱軍, 清華大学)
  Aggregate Induced Emission and Photoisomerization for Chemical Sensing

10:40-11:05 Invited Lecture  Moritoshi SATO, The Univ. of Tokyo（佐藤守俊, 東京大学）
  New Prospect for Bioanalytical Chemistry

Chair : Akihide HIBARA（火原彰秀）

11:05-11:30 Invited Lecture  Singo SAITO, Kazuki Hirose, Keitaro Yoshimoto, Masami Shibukawa, Saitama Univ.（齋藤伸吾, 埼玉大学）  Selection of DNA Aptamer for Bacterial Cell using Polymer-enhanced Capillary Transient Isotachophoresis

11:30-11:55 Invited Lecture  Naoya NISHI, Kyoto Univ.（西 直哉, 京都大学）
  Structure Analysis of the Ionic Liquid Interfaces using Interface-selective Spectroscopies

17th (Wed) Afternoon  
Chair : Katsumi UCHIYAMA（内山一美）

13:00-13:40 Plenary Lecture  Jin-Ming LIN, Tsinghua Univ. (林 金明, 清華大学)  
  Generation of Droplets of Liquid for Mass Spectrometry

Chair : Shigeru WATANABE（渡辺 茂）

13:40-14:05 Invited Lecture  Akihide HIBARA, Tokyo Institute of Technology（火原彰秀, 東京工業大学）  Micro/Nanoscale Liquid Operations and Analytical Sciences

14:05-14:30 Invited Lecture  Keitaro YOSHIMOTO, The Univ. of Tokyo（吉本敬太郎, 東京大学）  Cell-based Analysis and Cell Diagnostics using Polymer Chemistry

Break

Chair : Takeshi HASEGAWA（長谷川 健）

14:50-15:30 Plenary Lecture  Luhei LU, Changchun Institute of Applied Chemistry, CAS（逯乐慧, 中国科学院・長春応用化学研究所）  Design of Spectroscopy-based Probes for In Vivo Imaging

15:30-16:00 Keynote Lecture  Satoshi TSUKAHARA, Osaka Univ.（塚原 聡, 大阪大学）  
  Surface Tension Determination through Microscope Measurements of Resonance Oscillation of Small Liquid Surface Using Periodic External Forces

Chair : Satoshi TSUKAHARA（塚原 聡）

16:00-16:30 Keynote Lecture  Shigeru WATANABE, Kochi Univ.（渡辺 茂, 高知大学）  Sensitive and Selective Optical Nanosensors Based on Gold Nanoparticles

16:30-17:00 Keynote Lecture  Takeshi HASEGAWA, Kyoto Univ.（長谷川 健, 京都大学）
IR Spectroscopic Study of Perfluoroalkyl Compound-specific Molecular Aggregation Structures

18th (Thu) Morning
Chair: Osamu NIWA (丹羽 修)
09:30-10:10 Plenary Lecture  Lanqun MAO, Institute of Chemistry, CAS (毛 蘭群, 中国科学院・化学研究所)  In Vivo Electrochemistry, How Far We Can Go?
Chair: Xing-Zheng WU (呉 行正)
10:10-10:40 Keynote Lecture  Yang TIAN, East China Normal Univ. (田 陽, 華東師範大學)
Bioimaging and Biosensing of Reactive Oxygen Species and Beyond
10:40-11:10 Keynote Lecture  Masaharu NAKAYAMA, Ayu SATO, Megumi SATO, Yamaguchi Univ. (中山雅晴, 山口大学) Effective and Selective Sorption of Iodide by an Electrodeposited Film of Organo-Manganese Oxide
Chair: Masaharu NAKAYAMA (中山雅晴)
11:10-11:35 Invited Lecture  Hirosuke TATSUMI, Shinshu Univ. (巽 広輔, 信州大学)
Sensitive Electrochemical Measurement of Hydroxyl Radical Generation Induced by the Xanthine-Xanthine Oxidase System
11:35-12:00 Invited Lecture  Kazuhiko FUJIWARA, Nobuaki OGAWA, Akita Univ. (藤原一彦, 秋田大学)
Localized Surface Plasmon Resonance Sensor with Light Scattering Detection for Label-free Biomolecule Sensing

19th (Fri) Morning
Chair: Toshio TAKAYANAGI (高柳俊夫)
09:30-10:00 Keynote Lecture  Lihua ZHANG, Dalian Institute of Chemical Physics, CAS (張 麗華, 中国科学院・大連化学物理研究所)
Mass Defect-based Pseudo-isobaric Labeling Methods for Proteome Quantification
Chair: Kazuma MAWATARI (馬渡和真)
10:00-10:25 Invited Lecture  Shinya KITAGAWA, Tomohiko HIRANO, Hajime OHTANI, Nagoya Institute of Technology (北川慎也, 名古屋工業大学) Development of Highly Efficient Polymer Monolithic Column with Low Flow Resistance for HPLC
Chair: Shinya KITAGAWA (北川慎也)
11:55-12:00 Closing Address  Katsumi UCHIYAMA, Vice President of JSAC (内山一美, 副会長)
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