

## Awards



**MORINAKA, Yuta;**  
**WAKAMIYA, Atsushi;**  
**TANABE, Fumiyuki;**  
**MURATA, Michihisa;**  
**KOMATSU, Koichi;**  
**KATO, Tatsuhisa<sup>1</sup>;**  
**NAGASE, Shigeru<sup>2</sup>;**  
**MURATA, Yasujiro;**  
**SATO, Satoru<sup>3</sup>;**  
**NIKAWA, Hidefumi<sup>3</sup>;**  
**MIZOROGI, Naomi<sup>3</sup>;**  
**FURUKAWA, Ko<sup>4</sup>;**  
**AKASAKA, Takeshi<sup>3</sup>**

### Six Major Results of 2013 from Nanotechnology Platform Japan

“ESR and X-ray Observation of a Helium Atom and Placing a Nitrogen Atom inside He@C<sub>60</sub> and He@C<sub>70</sub>”

Nanotechnology Platform Japan, MEXT, Japan

30 January 2015

<sup>1</sup> Institute for the Promotion of Excellence in Higher Education, Kyoto University

<sup>2</sup> Fukui Institute for Fundamental Chemistry, Kyoto University

<sup>3</sup> Life Science Center of Tsukuba Advanced Research Alliance, University of Tsukuba

<sup>4</sup> Institute for Molecular Science



**WAKAMIYA, Atsushi**

### 2015 Step-up Award of Japan Association for Chemical Innovation

“Development of Innovative Organic Semi Conductors and Organic-Inorganic Hybrid Materials that Enable Highly Efficient Photoelectronic Conversion”

Japan Association for Chemical Innovation (JACI)

27 May 2015

### The Nozoe Memorial Award for Young Organic Chemists

26th Symposium on Physical Organic Chemistry

“Development of Functional Materials Based on Fine-tuning of pi-Orbitals”

The Society of Physical Organic Chemistry

25 September 2015



**MURATA, Michihisa**

### ICR Award for Young Scientists

“Electron-deficient Tetrabenzo-fused Pyraclyene and Conversions into Curved and Planar  $\pi$ -systems Having Distinct Emission Behaviors”

Institute for Chemical Research, Kyoto University

11 December 2015



**UEDA, Yoshihiro**

### ICR Award for Young Scientists

“Final-stage Site-selective Acylation for the Total Syntheses of Multifidosides A-C”

Institute for Chemical Research, Kyoto University

11 December 2015



**KASAMATSU, Koji**

### Best Presentation Award

The 135th Annual Meeting of the Pharmaceutical Society of Japan

“Asymmetric  $\alpha$ -Fluorination of Amino Acid Derivatives via Memory of Chirality”

The Pharmaceutical Society of Japan

31 March 2015



**TAKEUCHI, Hironori**

### ICR Award for Graduate Students

“Total Synthesis of Ellagitannins via Regioselective Sequential Functionalization of Unprotected Glucose”

Institute for Chemical Research, Kyoto University

11 December 2015



**SAKAMOTO, Masanori**

### Japanese Photochemistry Association Prize for Young Scientist for 2015

Japanese Photochemistry Association

10 September 2015



**SATO, Ryota**

### Presentation Award for Young Scientists

The 66th Divisional Meeting on Colloid & Interface Chemistry

“Novel and Versatile Alloying Route of Nanoparticle via Phosphorus Compound”

Division of Colloid and Surface Chemistry, The Chemical Society of Japan

3 October 2015



## YOSHIZUMI, Toshihiro

### CSJ Presentation Award 2015

The 95th Annual Meeting of the Chemical Society of Japan

“Photocatalytic Activities of Transition Metal Oxide Nanoparticles for Water Oxidation”

The Chemical Society of Japan

13 April 2015



## EGUCHI, Daichi

### CSJ Presentation Award 2015

The 95th Annual Meeting of the Chemical Society of Japan

“Structural Control of Gold Clusters Using Porphyrin Derivatives”

The Chemical Society of Japan

13 April 2015



## YAMAGO, Shigeru

### Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology

“Research of Excellent Novel Living Radical Polymerization Reaction to Practicality”

The Minister of Education, Culture, Sports, Science and Technology

15 April 2015



## TOSAKA, Masatoshi

### Prize of the Society of Fiber Science and Technology, Japan

2015 Annual Meeting of the Society of Fiber Science and Technology, Japan

“Strain-induced Crystallization of Polymer Network”

The Society of Fiber Science and Technology, Japan

10 June 2015

### Progress Award

The 53rd Annual Meeting of the Adhesion Society of Japan

“Kinetics of Strain-induced Crystallization in Cross-linked Natural Rubber”

The Adhesion Society of Japan

19 June 2015



## NAKAMURA, Yasuyuki

### Excellence Lecture Award

The 95th Chemical Society of Japan Annual Meeting

“Elucidation of the Termination Reaction Mechanism in the Radical Polymerization of (Meth) Acrylic Acid Ester”

The Chemical Society of Japan

13 April 2015

### Young Scientist Lecture Award

The 61st Annual Kobe Polymer Research Symposium

“Control of Radical Reaction by Light - Living Radical Polymerization, Polymer Reactions and Reaction Mechanism Analysis”

The Society of Polymer Science, Japan, Kansai Regional Chapter

17 July 2015



## PATEL, Vijay Kumar

### ICR Award for Young Scientists

“Practical Synthesis of [n]cycloparaphenylenes (n=5, 7-12) by H<sub>2</sub>SnCl<sub>4</sub>-mediated Aromatization of 1,4-dihydroxycyclo-2,5-diene Precursors”

Institute for Chemical Research, Kyoto University

11 December 2015



## ONO, Teruo

### The IEEE Magnetics Society 2016 Distinguished Lecturer

“Spin Dynamics in Inhomogeneously Magnetized Systems”

The IEEE Magnetics Society

28 September 2015



## YOSHIMURA, Yoko

### NIHON LOREAL Scientific Award

“Development of Magnetic Domain-wall Based Memory for Next Generation Memory Device”

8 July 2015



## **T**AKEUCHI, Toshihide

### **The Young Investigator Award**

The 7th Annual Meeting of the Japanese Association for RNAi and the 2nd Annual Meeting of the Japanese Society of Extracellular

Vesicles

“Intercellular Chaperone Transmission via Exosomes Contributes to Non-cell autonomous Maintenance of Organismal Proteostasis”

The Japanese Association for RNAi, The Japanese Society of Extracellular Vesicles

28 August 2015

### **The Young Investigator Award**

The 10th Annual Meeting of the Biomedical Society for Stress Response

“Maintenance of Organismal Protein Homeostasis by Intercellular Transmission of Molecular Chaperones via Exosomes”

The Biomedical Society for Stress Response

6 November 2015



## **M**MURAYAMA, Tomo

### **Good Stone Award, Annual Meeting of JPS**

The 52nd Japanese Peptide Symposium

“Membrane-Remodeling Amphipathic Helical Peptides Accelerate Direct Penetration of

Octaarginine”

The Japanese Peptide Society

17 November 2015

### **Best Presentation Award**

37th Symposium on Interactions between Biomembranes and Drugs

“Curvature-Inducing Amphipathic Helical Peptides Accelerate Membrane Translocation of Octaarginine”

The Division of Physical Sciences of the Pharmaceutical Society of Japan

20 November 2015



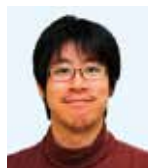
## **W**ATANABE, Bunta

### **Society Awards 2015 (on high prospectiveness)**

“Structure-activity relationship studies of insect and plant steroid hormones”

Pesticide Science Society of Japan

18 March 2015



## **T**AKAYA, Junichiro

### **Outstanding Presentation Award**

The 7th Young Researchers Workshop, Chemical Biology of Natural Products: Target ID and Regulation of Bioactivity

“A Selective Agonist of TRPA1 and Direct Observation of its Binding”

Chemical Biology of Natural Products: Target ID and Regulation of Bioactivity

9 June 2015



## **T**AKANO, Shotaro

### **Sasakawa Scientific Research Encouragement Prize**

“Biogeochemical Cycling of Nickel, Copper, and Zinc Isotopes in the Ocean”

The Japan Science Society

13 April 2015



## **H**ASEGAWA, Takeshi

### **The 32nd Academic Award from the Chemical Society of Japan**

The 95th Annual Meeting of the Chemical Society Japan

“Development of Multiple-Angle Incidence Resolution Spectrometry and Its Application to Structural Analysis of Two-Dimensional Molecular Assemblies”

The Chemical Society of Japan

28 March 2015

### **SAS Fellow**

SciX2015

“Outstanding service to the field of spectroscopy and the Society for Applied Spectroscopy”

The Society for Applied Spectroscopy

29 September 2015



## **S**HIOYA, Nobutaka

### **Award for Encouragement of Research in Materials Science**

25th Annual Meeting of MRS-J

“Preparation of a Highly Oriented Thin Film of a Functionalized Compound Using a Simple Spin-coating Technique”

The Materials Research Society of Japan

10 December 2015

### **ICR Award for Graduate Students**

“A New Schematic for Poly(3-alkylthiophene) in an Amorphous Film Studied Using a Novel Structural Index in Infrared Spectroscopy”

Institute for Chemical Research, Kyoto University

11 December 2015



## **W**ATANABE, Hiroshi

### **The Bingham Medal**

The Society of Rheology 87th Annual Meeting  
The Society of Rheology (USA)

13 October 2015



## **I**WASHITA, Yoshihisa

### **The JSNS Technology Prize**

The 15th Annual Meeting of the Japanese  
Society for Neutron Science

“Efficient Utilization of Neutrons by Active  
Focusing of Pulse White Neutron”

The Japanese Society for Neutron Science

10 December 2015



## **S**AKABE, Shuji

### **Fellow Award of The Laser Society of Japan**

The Laser Society of Japan

29 May 2015



## **M**IYASAKA, Yasuhiro

### **The distinguished Paper Award**

The Papers of Technical Meeting on  
“Fundamentals and Materials”, IEE Japan.

“Femtosecond Laser Ablation Rate for  
Materials”

The Institute of Electrical Engineering of Japan.

17 September 2015



## **W**ATANABE, Kota

### **Award for the Presentation of an Excellent Paper**

The 35th Annual Meeting of the Laser Society of  
Japan

“Ultrafast electron Diffraction with Laser-assisted Electrons  
Produced by an Intense Short Pulse Laser”

The Laser Society of Japan

29 May 2015



## **H**ARUTA, Mitsutaka

### **Research Encouragement Award**

The 71st Annual Meeting of the Japanese Society  
of Microscopy

“Local State Analysis and Mapping by  
STEM-EELS”

The Japanese Society of Microscopy

14 May 2015



## **S**EKI, Hayato

### **CSJ Student Presentation Award 2015**

The Chemical Society of Japan

“Crystal Structures and Physical Properties of  
New Perovskites SrFe<sub>1-x</sub>Ni<sub>x</sub>O<sub>3</sub>”

The Chemical Society of Japan

13 April 2015



## **I**HARA, Toshiyuki

### **Young researcher award**

“Photoluminescence Properties of Excitons  
in Nanocrystals Revealed by Single Molecule  
Spectroscopy”

174th Committee on Molecular Nanotechnology JSPS University-  
Industry Cooperative Research Committees

3 March 2015



## **S**HIMIZU, Yugo, et al.

### **Research Awards**

Informatics in Biology, Medicine and  
Pharmacology 2015

“Relating the Reaction Types and Phylogeny of  
Type III Polyketide Synthases”

Program Committee of Information in Biology, Medicine and  
Pharmacology 2015

31 October 2015



## **N**ISHIMURA, Yosuke, et al.

### **Research Awards**

Informatics in Biology, Medicine and  
Pharmacology 2015

The 2015 Annual Conference of the Japanese  
Society for Bioinformatics (JSBi2015)

“Revealing Complete Genomes from Metagenomes: a Case Study  
for Viruses in the Ocean”

Program Committee of Information in Biology, Medicine and  
Pharmacology 2015

31 October 2015

## Paper Awards



**YAMADA, Yasuhiro;**  
**NAKAMURA, Toru;**  
**ENDO, Masaru;**  
**WAKAMIYA, Atsushi;**  
**KANEMITSU, Yoshihiko;**

**37th (2015) Best Paper Award of the Japan Society of Applied Physics**

“Near-band-edge Optical Responses of Solution-processed Organic–inorganic Hybrid Perovskite  $\text{CH}_3\text{NH}_3\text{PbI}_3$  on Mesoporous  $\text{TiO}_2$  Electrodes”

The Japan Society of Applied Physics

13 September 2015

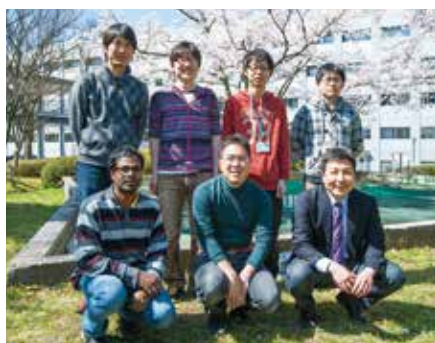


**TANIGUCHI, Takuya**

**JPS paper award**

“Dimensional Crossover Characterized by Distribution of Magnetic Domain Wall Creep Velocity”

1 November 2015



**TAKAYA, Hikaru et. al.**

**BCSJ Award**

“Investigation of Organoiron Catalysis in Kumada-Tamao-Corriu-Type Cross-Coupling Reaction Assisted by Solution-Phase X-ray Absorption Spectroscopy”

Takaya, H.; Nakajima, S.; Nakagawa, N.; Isozaki, K.; Iwamoto, T.; Imayoshi, R.; Gower, N.; Adak, L.; Hatakeyama, T.; Honma, T.; Takagi, M.; Sunada, Y.; Nagashima, H.; Hashizume, D.; Takahashi, O.; Nakamura, M.

*Bull. Chem. Soc. Jpn.* **2015**, 88, 410-418

15 March 2015



**ISOZAKI, Katsuhiko;**  
**PINCELLA, Francesca<sup>1</sup>;**  
**MIKI, Kazushi<sup>2</sup>**

**LSA top 10 paper award in 2014**

“A visible light-driven plasmonic photocatalyst”

Light: Science & Applications

7 July 2015

<sup>1</sup> Polymer Materials Unit, National Institute for Materials Science  
<sup>2</sup> Department of Pure and Applied Sciences, University of Tsukuba



**KANEMITSU, Yoshihiko**

**Award for Best Review Paper**

**37th JSAP AWARDS**

“Multiple Carrier Interactions in Semiconductor Nanostructures for High-efficiency Solar Cell

Applications”

The Japan Society of Applied Physics

13 September 2015



**TAHARA, Hirokazu**

**Seiichi Tejima Doctoral Dissertation Award**

“Coherent Transients of Excitons Generated in Semiconductors”

Tokyo Institute of Technology

17 February 2015

## Poster Awards



### **N**AGATA, Koichi

#### **Award for Best Poster**

The 14th International Symposium on Inorganic Ring Systems

“Reactions of a Barrelene-type Dialumane Bearing Bulky Aryl Substituents with Lewis Bases”

European Journal of Inorganic Chemistry

31 July 2015



### **F**UJIMORI, Shiori

#### **Best Poster Award**

Meeting for Young Scientists on Organic Reactions

“Synthesis and Properties of Germabenzeyl-potassium”

Organizing Committee of Meeting for Young Scientists on Organic Reactions

31 July 2015

#### **Poster Award**

57th Symposium on Organometallic Chemistry, Japan

“Synthesis and Structures of Germabenzeyl-potassium”

The Kinki Chemical Society, Japan

28 September 2015

#### **Best Poster Award**

The 5th Asian Silicon Symposium

“Synthesis and Structure of a Stable Germabenzeyl-potassium Derivative”

ASiS International Committee

20 October 2015

#### **Poster Award**

The 19th Symposium of the Society of Silicon Chemistry Japan

“Structure and Reactivity of Germabenzeyl-potassium”

The Society of Silicon Chemistry Japan

23 October 2015



### **S**UGAHARA, Tomohiro

#### **Poster Award**

The 19th Symposium of the Society of Silicon Chemistry Japan

“Reactivity of Stable Diaryldigermynes with Alkenes and Alkynes”

The Society of Silicon Chemistry Japan

23 October 2015



### **Z**HANG, Rui

#### **Best Poster Award**

16th International Symposium on Novel Aromatic Compounds (ISNA-16)

“X-ray Structure and Properties of Endohedral C<sub>70</sub> Encapsulating Water Molecule(s)”

10 July 2015



### **F**UTAGOISHI, Tsukasa

#### **Poster Award**

26th Symposium on Physical Organic Chemistry

“Insertion of a Molecule of MeOH into an Open-Cage C<sub>60</sub> Derivative and Its X-ray Structure”

The Society of Physical Organic Chemistry

26 September 2015



### **H**ASHIKAWA, Yoshifumi

#### **Best Young Scientists Poster Awards, JEOL RESONANCE Award**

The 54th Annual Meeting of the NMR Society of Japan

“<sup>1</sup>H NMR Relaxation Times of H<sub>2</sub>O and H<sub>2</sub> Entrapped inside Carbon-Cluster Cages of C<sub>60</sub> and C<sub>59</sub>N”

The Nuclear Magnetic Resonance Society of Japan, JEOL RESONANCE INC.

7 November 2015



### **K**KASAMATSU, Koji

#### **Best Poster Award**

Symposium on Molecular Chirality 2015

“Asymmetric  $\alpha$ -Fluorination of Amino Acid Derivatives via long-lived Chiral Enolate Intermediates based on Memory of Chirality”

Molecular Chirality Research Organization (MCRO)

13 June 2015



### **C**HEN, Lihui

#### **Poster award**

The 13th Annual Meeting of Society of Nano Science and Technology

“Investigation on Carrier Dynamics of Oleylamine-Capped Copper Indium Sulfide Nanocrystals Using Femtosecond Laser Flash Photolysis”

Society of Nano Science and Technology

12 May 2015



## **M**ATSUMOTO, Kenshi

### **Poster Award**

The 66th Divisional Meeting on Colloid and Interface Chemistry

“High-Performance  $L1_0$ -FePd/ $\alpha$ -Fe Nanocomposite Magnets with Controlled Crystal Grain Size”

Division of Colloid and Surface Chemistry, The Chemical Society of Japan

11 September 2015



## **Y**AHATA, Yoshikazu

### **CSJ Poster Presentation Award 2015 for Excellent Research**

5th CSJ Chemistry Festa

“Polymer-brush-grafted Particles for Control of Phase Separation in Polymer/ionic-liquid Blend Films”

The Chemical Society of Japan

12 November 2015



## **K**KAKIZAKAI, Haruka

### **Poster Award**

5th CSJ Chemistry Festa

The 76th JSPS Autumn Meeting, 2015

“Approach to Electric Field Induced Domain Wall Motion in MgO/Co/Pt System”

1 October 2015



## **K**AWAGUCHI, Yoshimasa

### **Award for Excellence at Poster Presentation**

The 52nd Japanese Peptide Symposium

“Syndecan-4 as a Possible Octaarginine Receptor for Its Clathrin-Mediated Endocytic Uptake”

The Japanese Peptide Society

17 November 2015



## **A**KISHIBA, Misao

### **Best Poster Award**

7th International Peptide Symposium

“Novel Endosome-destabilizing Peptide for Intracellular Delivery of Exogenous Antibodies”

11 December 2015



## **W**ATANABE, Mizuki

### **Molecular BioSystem Poster Prize**

10th Annual Meeting of Japanese Society for Chemical Biology

“The Action Mechanism of Endogenous Small Molecules That Suppress the Lipid Biosynthesis”

Royal Society of Chemistry

12 June 2015



## **T**AKAYA, Junichiro

### **Student Poster Competition Award**

“Discovery of a potent and selective agonist of TRPA1 and direct observation of its binding to TRPA1 by electron microscopy”

International Chemical Congress of Pacific Basin Societies (Pacifichem 2015)

18 December 2015



## **H**ADA, Miyako

### **Poster prize**

The 66th Divisional Meeting on Colloid & Interface Chemistry

“Structural Analysis of a Thin Film of a porphyrin Derivative Using Visible MAIRS”

Division of Colloid and Surface Chemistry, Chemical Society of Japan

11 September 2015



## **K**ISHIMOTO, Mizuki

### **The Poster Presentation Award**

70th Autumn Meeting

“Effect of Substrate Surface Modification on the Glass Transition Temperature of Polymer Thin Films”

The Society of Fiber Science and Technology

22 October 2015



## **S**AITO, Shota

### **Poster Award**

The 62nd Symposium on Organometallic Chemistry

“Iron-Catalyzed Enantioselective Carbometallation of Azabicyclic Alkenes with Arylzinc Reagents”

Division of Organometallic Chemistry, The Kinki Chemical Society

28 September 2015



## **I**BUKI, Hiroto

### **Region5 Poster Awards**

The Physical Society of Japan 2015 Autumn Meeting

“Photoluminescence Blinking and Spectral Diffusion of Single CdSe/ZnS Nanocrystals: Charge Fluctuation Effects”

The Physical Society of Japan

18 September 2015



## **Y**AMADA, Takumi

### **Region5 Poster Awards**

The Physical Society of Japan 2015 Autumn Meeting

“Photocarrier Diffusion and Recombination Dynamics in Lead-halide Perovskite  $\text{CH}_3\text{NH}_3\text{PbX}_3$  ( $X=\text{I}, \text{Br}$ ) Single Crystals”

The Physical Society of Japan

18 September 2015



## **AKUTSU, Tatsuya;** **ISHITSUKA Masayuki<sup>1</sup>;** **NACHER, Jose<sup>1</sup>**

### **Best Poster Award**

Informatics in Biology, Medicine and Pharmacology 2015

“On the Efficient Identification of Proteins with Control Roles in Large Networks”

Japanese Society for Bioinformatics

31 October 2015

<sup>1</sup>Toho University