

# APBP2015

5th Asian and Pacific-Rim Symposium on Biophotonics

Date : 22 - 24 April 2015

Venue : Pacifico Yokohama (Yokohama, Japan)

Organized by the Optical Society of Japan



## Conference Chair

Toshiaki Iwai

(Tokyo Univ. of Agri. & Tech., Japan)

## Advisory Committee

### Members

T. Araki (Osaka Univ., Jpn)  
H. Fukuyama (Kyoto Univ., Jpn)  
M. Haruna (Osaka Univ., Jpn)  
H. Horinaka (Osaka Pref. Univ., Jpn)  
K. Ito (Osaka Univ., Jpn)  
K. Shimizu (Hokkaido Univ., Jpn)  
Y. Yamada (Univ. of Electro-Comm., Jpn)  
T. Yatagai (Utsunomiya Univ., Jpn)

## Int. Steering Committee

### Chair

G. Nishimura (Hokkaido Univ., Jpn)

### Members

Y. Aizu (Muroran Inst. of Tech., Jpn)  
K. Awazu (Osaka Univ., Jpn)  
K. Fujita (Osaka Univ., Jpn)  
M. Hashimoto (Osaka Univ., Jpn)  
B.-M. Kim (Korea Univ., Kor)  
M. Gu (Swinburne Univ. of Tech., Aus)  
I. Ishimaru (Kagawa Univ., Jpn)  
O. Matoba (Kobe Univ., Jpn)  
Y. Matura (Tohoku Univ., Jpn)  
E. Okada (Keio Univ., Jpn)  
M. Ohmi (Osaka Univ., Jpn)  
N. Ojima (Kao Corp., Jpn)  
M. Sato (Yamagata Univ., Jpn)  
S. Sato (Nat. Def. Med. Coll., Jpn)  
K. Wada (Osaka Pref. Univ., Jpn)  
T. Yasui (Univ. of Tokushima, Jpn)  
Y. Yasuno (Univ. of Tsukuba, Jpn)  
C.-C. Yang (Nat. Taiwan Univ., Twn)

## Program Committee

### Co-Chairs

M. Ohmi (Osaka Univ., Jpn)  
Y. Yasuno (Univ. of Tsukuba, Jpn)

### Members

M. Hisaka (Osaka Electro-Comm. Univ., Jpn)  
M. Hashimoto (Osaka Univ., Jpn)  
H. Hazama (Osaka Univ., Jpn)  
T. Igarashi (Kao Corp., Jpn)  
K. Ishii (Osaka Univ., Jpn)  
T. Katagiri (Tohoku Univ., Jpn)  
H. Kawaguchi (AIST, Jpn)  
S. Kawauchi (Nat. Def. Med. Coll., Jpn)  
K. Minami (Kao Corp., Jpn)  
K. Nakao (Kao Corp., Jpn)  
H. Niioka (Osaka Univ., Jpn)  
I. Nishidate (Tokyo Univ. of Agri. & Tech., Jpn)  
M. Niwayama (Shizuoka Univ., Jpn)  
Y. Ozeki (Univ. of Tokyo, Jpn)  
K. Saito (Tokyo Med. & Dent. Univ., Jpn)  
Y. Tanikawa (AIST, Jpn)  
K. Wada (Osaka Pref. Univ., Jpn)  
Y. Watanabe (Yamagata Univ., Jpn)  
Y. Yamaoka (Kyoto Pref. Univ. of Med., Jpn)

## Secretariat

E. Okada (Keio Univ., Jpn)  
secretariat\_apbp@okd.elec.keio.ac.jp

## ◆ Schedule

	Morning Sessions	Afternoon Sessions	Evening Event
Wednesday 22 April	OPIC 2015 Plenary Session [Room 501&502]	OMC & APBP Joint Session [Room 414&415]	OPIC Banquet [Room 501&502]
Thursday 23 April	Oral Sessions [Room 303] Poster Flush Presentations [Room 303]	Poster Flush Presentations [Room 303] Poster View and Discussion [Exhibition Hall C] Plenary Talk & Oral Sessions [Room 303]	
Friday 24 April	Oral Sessions [Room 303]	Oral Sessions [Room 303]	

- The final program can be downloaded from <http://apbp.opicon.jp/program/>

## ◆ Plenary Speaker and Invited Speakers

### Plenary Talk

**Brian W. Pogue, Dartmouth College, USA**

"High resolution molecular imaging in vivo with Cherenkov excitation"

Thursday, 23 April 2015, 15:45 - 16:45 [Room 303]

### Invited Talks

**Tadao Sugiura, Nara Institute of Science and Technology, Japan**

"Optical tweezers for investigation of mechanical property of a cell"

Wednesday, 22 April 2015, 14:15 - 14:45 [Room 414&415 (OMC & APBP Joint Session)]

**Motoshi Kaya, University of Tokyo, Japan**

"Molecular mechanism of efficient muscle contraction revealed by single molecule approaches"

Wednesday, 22 April 2015, 15:45 - 16:15 [Room 414&415 (OMC & APBP Joint Session)]

**Chih-Chung Yang, National Taiwan University, Taiwan**

"Optical coherence tomography based on resonant absorption and scattering of localized surface plasmon on Au nanorings"

Thursday, 23 April 2015, 9:15 - 9:45 [Room 303]

**Tomonori Yano, National Cancer Center Hospital East, Japan**

"Photodynamic therapy as a salvage treatment for local failure after chemoradiotherapy for esophageal cancer"

Friday, 24 April 2015, 9:00 - 9:30 [Room 303]

**Chulhong Kim, Pohang University of Science and Technology, Korea**

"Recent progress in photoacoustic imaging: systems, agents, and applications"

Friday, 24 April 2015, 11:00 - 11:30 [Room 303]

**Yasuteru Urano, University of Tokyo, Japan**

"Development of a novel spontaneously blinking fluorophore for single-molecule localization microscopy"

Friday, 24 April 2015, 13:30 - 14:00 [Room 303]

**Yutaka Yamashita, Hamamatsu Photonics K.K., Japan**

"Recent progress in time-resolved spectroscopy and its medical applications"

Friday, 24 April 2015, 16:00 - 16:30 [Room 303]

## ◆ Location

The conference takes place at Pacifico Yokohama. <http://www.pacifico.co.jp/english/index.html>

## ◆ Registration

On-site registration will be available from 8:30 on Wednesday 22 April to 16:30 on Friday 24 April.

		Registration Fee
General	Member	45,000 JPY
	Non-Member	50,000 JPY
Student, Retiree	Member	21,000 JPY
	Non-Member	23,000 JPY



Co-sponsored by the Optical Society of Japan and  
185th Committee on Optical Imaging Technique Development,  
Japan Society for the Promotion of Science  
Co-located with Optics & Photonics International Congress 2015.

Visit [www.apbp.opicon.jp](http://www.apbp.opicon.jp) for complete conference details.

