CURRICULUM VITAE

Name: **KIM PHUONG HUYNH NHAT**
Nationality: Vietnamese
Date of birth: July 25th, 1985
Gender: Female
Contact information: Room C516, 1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama City, Kanagawa 230-0045, Japan.
Tel: +81-(0)45-503-9459
E-mail: kim.huynhnhat@riken.jp

EDUCATION

Japan Advanced Institute of Science and Technology (JAIST) Japan
School of Materials Science
Doctor of Philosophy (2013/04 – 2016/03)

Osaka University Japan
Graduate school of Engineering
Master of Engineering (2008/10 – 2010/09)

Osaka University Short-term Student Exchange Program (OUSSEP) (2006/10 – 2007/08)

Nong Lam University Vietnam
Department of Biotechnology
Bachelor of Engineering (2003/09 – 2008/08)

EMPLOYMENT

Postdoctoral Researcher (2016/04 – present)
RIKEN Center for Life Science Technologies
Molecular Network Control Factors Development Unit

Researcher (2011/08 – 2012/09)
International University – Vietnam National University Ho Chi Minh city Vietnam
School of Biotechnology

PUBLICATIONS

Kim Phuong Huynh Nhat, Takayoshi Watanabe, Kensuke Yoshikoshi, and Takahiro Hohsaka. Antibody-Based Fluorescent and Fluorescent Ratiometric Indicators for Detection of Phosphotyrosine. *J. Biosci. Bioeng., in press.*

Hiromi Imamura, Kim P. Huynh Nhat, Hiroko Togawa, Kenta Saito, Ryota Iino, Yasuyuki Kato-Yamada, Takeharu Nagai and Hiroyuki Noji. Visualization of ATP levels inside single living cells with fluorescent resonance energy transfer-based genetically encoded indicators, *Proc. Natl. Acad. Sci. USA* **106:** 15651-15656 (2009)

PRESENTATIONS

Kim Phuong Huynh Nhat, Takayoshi Watanabe, Takahiro Hohsaka. Development of novel genetically encoded antibody-based fluorescent protein probes. The 96th CSJ Annual Meeting (Oral presentation), Doshisha University, Kyotanabe, Kyoto, Japan (March 2016).

Kim Phuong Huynh Nhat, Takayoshi Watanabe, Takahiro Hohsaka. Novel genetically encoded antibody-based biosensor for fluorescence ratio detection of antigen. The International Chemical Congress of Pacific Basin Societies (PACIFICHEM) (Poster presentation), Hawaii, USA (December 2015).

Takahiro Hohsaka, Keisuke Fukunaga, Kim Phuong Huynh Nhat, Rumi Shiba, Takayoshi Watanabe. Site-specifically fluorescent-labeled proteins for sensing and controlling protein functions. JSPS Grant-in-Aid for Scientific Research on Innovative Areas "Dynamical ordering of biomolecular systems for creation of integrated functions" The 4th International Symposium (Poster presentation), Kyushu University Nishijin Plaza, Fukuoka, Japan (November 2015).

Kim Phuong Huynh Nhat, Takayoshi Watanabe, Takahiro Hohsaka. Novel genetically encoded antibody-based biosensors allowing fluorescence ratio detection of antigens. The 53rd Annual Meeting of the Biophysical Society of Japan (Poster presentation), Ishikawa, Japan (September 2015).

Kim Phuong Huynh Nhat, Takayoshi Watanabe, Takahiro Hohsaka. Fluorescence ratio detection of antigen using scFv-EGFP fusion based on FRET and fluorescence quenching. 平成 25 年度北陸地区講演会と研究発表会 (Chemical Society of Japan) (Poster presentation), Ishikawa, Japan (November 2013).

Hiromi Imamura, Kim P. Huynh Nhat, Hiroko Togawa, Kenta Saito, Ryota Iino, Yasuyuki Kato-Yamada, Takeharu Nagai and Hiroyuki Noji. Visualization of intracellular ATP level inside single living cell with novel fluorescent probes. Memorial symposium for the Establishment of Network Joint Research Center for Advanced Materials and Devices (Poster presentation), Osaka, Japan (March 2010).

Kim P. Huynh Nhat, Hiroko Togawa, Hiromi Imamura and Hiroyuki Noji. On the relationship between global conformational flexibility of F_1-ATPase epsilon subunit and its affinity to ATP. International Symposium Innovative Nanoscience of Supermolecular Motor Proteins Working in Biomembranes (Poster presentation), Kyoto, Japan (September 2009).

SCHOLARSHIPS

- Doctoral Research Fellowship, Japan Advanced Institute of Science and Technology, 2013/04-2016/03
- Japanese Government scholarship, 2010/04 – 2010/09.
- Matsuda Foundation Scholarship, 2009/04 – 2010/03.
- Japan Student Services Organization (JASSO) scholarship for Osaka University Short – term Student Exchange Program (OUSSEP), 2006/10 – 2007/08.