

## Curriculum Vitae



# Akira Nagatani

**Akira Nagatani** is Professor at the Graduate School of Science, Kyoto University, Japan. He qualified in Biochemistry and obtained a PhD degree in Biochemistry at the University of Tokyo, Japan, in 1984. As a post-doctoral fellow, he worked in Prof. Masaki Furuya's laboratory first at National Institute for Basic Biology, Okazaki, Japan (1984-1987) and later at RIKEN, Wako, Japan (1987-1992). From 1992 to 1995, he continued as a deputy head of the research team of Prof. Richard Kendrick at RIKEN, Wako, Japan. During this period, he analyzed photomorphogenic and phytochrome mutants in cucumber, tomato, pea and later *Arabidopsis*. As a main achievement in this period, he isolated the phyA deficient mutants simultaneously with a few other groups (1993). He also conducted the structure/function study of phytochrome first using tobacco and then using *Arabidopsis*. In 1995, he was appointed as an Associate Professor in the University of Tokyo, Tokyo, Japan, and headed his own laboratory until 1998. In this period, he discovered the phytochrome nuclear localization first using GUS (1996) and then using GFP (1999) as tags. He was appointed as Professor at the Graduate School of Science, Kyoto University, Kyoto, Japan in 1998. Currently, he focuses on three research topics; 1) structure/function analysis of phyA specific functions, 2) inter-tissue/organ communication in photomorphogenesis, and 3) signal transduction mechanism of phototropin responses. From 2010 to 2014, he heads a major group research project (Grant-in-Aid for Scientific Research on Innovative Areas from Japanese Ministry of Education, Culture, Sports, Science and Technology) on plant sensing of environmental stimuli.

### Speaker at:

#### **INTERPLAY OF LIGHT, PHOTOPERIODISM AND CIRCADIAN CLOCK FUNCTION IN PLANT DEVELOPMENT**

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