

Curriculum Vitae

Masaki Kuse

Laboratory of Organic Chemistry
Graduate School of Agricultural Science
Kobe University
Nada, Kobe, 657-8501 Japan



Research Interests:

Natural Products Chemistry: Bioluminescence, Photoprotein, Heterocycles

Professional Appointments:

Professor, Graduate School of Agricultural Science, Kobe University (2022–)
Associate Professor, Graduate School of Agricultural Science, Kobe University (2011–2022)
Assistant Professor, Research Center for Material Sciences, Nagoya University (2001–2011)
Research Associate, Graduate School of Bioagricultural Sciences, Nagoya University (2000–2001)

Education:

Ph.D., Nagoya University (2000) (Supervisor: Professor Minoru Isobe)
Master of Science, Nagoya University (1997) (Supervisor: Professor Minoru Isobe)

Awards:

1. Award for the Encouragement of Young Scientists from Japan Society for Bioscience, Biotechnology, and Agrochemistry. (March 24th, 2013)
2. Award for the Encouragement of Young Scientists at 42th Symposium on the Chemistry of Natural Products. (November 7th, 2000)

Selected Publications:

1. Kuse M. (2021) Marine Bioluminescence with Dehydrocoelenterazine, an Imidazopyrazinone Compound. In: *Topics in Heterocyclic Chemistry*. Springer, Berlin, Heidelberg.
2. Moriguchi, M., Takahashi, R., Kang, B., Kuse, M. Expression of recombinant apopholasin using a baculovirus-silkworm multigene expression system and activation via dehydrocoelenterazine. *Bioorg. Med. Chem. Lett.* **2020**, 30, 127177(1-5).
3. Kuse, M., Moriguchi, M., Hachida, M., Takikawa, H. Total Synthesis of (±)-Ramariolides C and D. *Chem. Lett.* **2017**, 47, 1409-1411.