

Original Publications

- (2) S. Ioka, T. Saitoh, S. A. Maki, M. Imoto, S. Nishiyama
“Development of a luminescence-controllable firefly luciferin analogue using selective enzymatic cyclization”
Tetrahedron, Vol. 72, No. 24, pp. 7505–7508, **2016**.
- (1) S. Ioka, T. Saitoh, S. Iwano, K. Suzuki, S. A. Maki, A. Miyawaki, M. Imoto, S. Nishiyama
“Synthesis of firefly luciferin analogues and evaluation of their luminescent properties”
Chem. Eur. J., Vol. 22, No. 27, pp. 9330–9337, **2016**.

Patents

- (2) 特願 2016-135487
「ジヒドロキシ化合物又はその塩、及びパーキンソン病治療薬又は予防薬」
発明者：井本正哉，井岡秀二，田代悦，小川誠一郎，西山繁，服部信孝，斉木臣二，吉川有紀子。
出願人：慶應義塾大学
出願日 2016年 7月 7日
- (1) 特願 2012-265382
「環化化合物の製造方法、及び、環化化合物を有する溶液の発光方法」
発明者：斉藤 毅，西山 繁，井岡 秀二，牧 昌次郎，丹羽 治樹。 出願人：慶應義塾大学
出願日 2012年 12月 4日

International Presentations

- (4) S. Ioka, T. Saitoh, S. Iwano, S. A. Maki, H. Niwa, M. Imoto, S. Nishiyama
the 8th Korea-Japan Chemical Biology Symposium
“Development of the new luciferin analog aiming at detection of a free radical in the living body”
Okinawa, Japan, January 2016.
- (3) S. Ioka, T. Saitoh, S. Iwano, S. A. Maki, H. Niwa, M. Imoto, S. Nishiyama
The International Chemical Congress of Pacific Basin Societies,
“Development of the new luciferin analog aiming at detection of a free radical in the living body”

Hawaii, USA, December 2015

- (2) S. Ioka, T. Saitoh, S. Iwano, S. A. Maki, H. Niwa, S. Nishiyama

The International Symposium on Organic Reaction,

“Structure activity relationship of firefly luciferin and development of novel luciferin analogues”

Taipei, Taiwan, November 2013

- (1) S. Ioka, T. Saitoh, S. Iwano, S. A. Maki, H. Niwa, S. Nishiyama

13th International Conference on the Chemistry of Antibiotics and other bioactive compounds

“Structure activity relationship of firefly luciferin and development of novel luciferin analogues”

Yamanashi, Japan, September 2013