

## Ōmura Research Group (2017): Senior staff



**Name:** Yukihiro Asami

**Contact:** yasami@lisci.kitasato-u.ac.jp

**Research specialty:** Agricultural Chemistry

### **Publications (selected):**

1. Y. Watanabe, T. Suga, S. Narusawa, M. Iwatsuki, K. Nonaka, T. Nakashima, Y. Shinohara, T. Shiotuki, N. Ichimaru, H. Miyoshi, Y. Asami, S. Ōmura & K. Shiomi. (2017). Decatamaric acid, a new mitochondrial respiration inhibitor discovered by pesticidal screening using drug-sensitive *Saccharomyces cerevisiae*., *J. Antibiot.* **70**, 395-399.
2. J.H. Jang, Y. Asami, J. P. Jang, S. O. Kim, D. O. Moon, K. S. Shin, D. Hashizume, M. Muroi, T. Saito, H. Oh, B. Y. Kim, H. Osada, J.S. Ahn & A. Fusarisetin. (2011) An acinar morphogenesis inhibitor from a soil fungus, *Fusarium* sp. FN080326., *J. Am. Chem. Soc.* **133**, 6865-6867.
3. T. Takahashi, Y. Asami, E. Kitamura, T. Suzuki, X. Wang, J. Igarashi, A. Morohashi, Y. Shinojima, H. Kanou, K. Saito, T. Takasu, H. Nagase, Y. Harada, K. Kuroda, T. Watanabe, S. Kumamoto, T. Aoyama, Y. Matsumoto, T. Bando, H. Sugiyama, C. Yoshida-Noro, N. Fukuda & N. Hayashi. (2008). Development of pyrrole-imidazole polyamide for specific regulation of human aurora kinase-A and -B gene expression., *Chem. Biol.* **15**, 829-841.
4. Y. Asami, H. Kakeya, Y. Komi, S. Kojima, K. Nishikawa, K. Beebe, L. Neckers & H. Osada. (2008). Azaspirene, a fungal product, inhibits angiogenesis by blocking Raf-1 activation., *Cancer Sci.* **99**, 1853-1858.
5. Y. Asami, H. Kakeya, R. Onose, A. Yoshida, H. Matsuzaki, H. Osada. (2002). Azaspirene: A Novel Angiogenesis Inhibitor Containing a 1-Oxa-7-azaspiro [4.4] non-2-ene-4,6-dione Skeleton Produced by the Fungus *Neosartoya* sp., *Org. Lett.* **4**, 2845-2848.

### **Awards**

The JSBBA Innovative Research Program Award

### **Comment**

Keep working until we succeed.