Discovery of novel antibiotics from actinomycetes by integrated metabolomics & genomics approaches

Wu, Changsheng

PUBLICATION LIST

(1) **Wu, C.**; van der Heul, H.; Choi, Y. H.; van Wezel, G. P. Lugdunomycin, an antibiotic with unprecedented chemical scaffold. **2016**. *In preparation*

(2) **Wu, C.**; Du, C.; Ichinose, K.; Choi, Y. H.; van Wezel, G. P. The cryptic *qin* gene cluster of *Streptomyces* sp. MBT76 specifies *C*-glycosylpyranonaphthoquinones with new chemistry. *J. Nat. Prod.* **2016**, *Submitted.*

(3) **Wu, C.**; Choi, Y. H.; van Wezel, G. P. Metabolic profiling as a tool for prioritizing antimicrobial compounds. *J. Ind. Microbiol. Biotechnol.* **2016**, *43*, 299–312.

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CURRICULUM VITAE

Changsheng Wu was born on March 13th, 1985, in Nancheng, Jiangxi province, China. After finishing high school in July 2004, he entered Shandong University (Jinan, China) to study pharmacy, where he three times won the "Annual Merit Scholarship". He got trained in multiple disciplines involving both chemistry and biology, and obtained his bachelor degree in July of 2008. He accepted a recommendation to be exempted from the admission exam to his Master course in the Department of Natural Product Chemistry, School of Pharmaceutical Sciences, Shandong University. In July 2011 he obtained his Master's degree. His research project on the phytochemical investigation of the fungus *Phellinus baumii* was awarded an 'Excellent Graduate' award in the department. In September 2011, he received a scholarship from the China Scholarship Council (CSC) to carry out a PhD study at the Institute of Biology at Leiden University. The project was carried out under the supervision of Prof. dr. Gilles P. van Wezel (Molecular Biotechnology) and Dr. Young Hae Choi (Natural Product Laboratory), with research theme as the discovery of novel antibiotics from actinomycetes. Currently, he is continuing his work in the laboratory of Prof. van Wezel as a post-doctoral researcher.