EDITORIAL

Introduction to the special issue: “Natural Product Discovery and Development in the Genomic Era: 2019”

Richard H. Baltz1 · Ikuro Abe2 · Eung-Soo Kim3 · Rolf Müller4 · Steven G. Van Lanen5 · Gerry Wright6

Published online: 7 February 2019
© Society for Industrial Microbiology and Biotechnology 2019

This special issue of the Journal of Industrial Microbiology and Biotechnology contains reviews, original articles, and perspectives describing recent scientific advances in natural product discovery and development. The volume is composed primarily of information presented at the 2nd International Conference on “Natural Product Discovery and Development in the Genomic Era” held in Clearwater, Florida, in January of 2018. The conference was co-sponsored by the Society for Industrial Microbiology (SIMB), the Korean Society for Microbiology and Biotechnology (KMB), and the Society for Actinomycetes Japan (SAJ), and was attended by 175 scientists from North America (USA and Canada), South America (Brazil and Chile), Asia (Japan, South Korea, and China), and Europe (Czech Republic, Denmark, Germany, Italy, Netherlands, Spain, Switzerland, and United Kingdom). The Honorary Co-chairs for the meeting were Professors Heinz Floss and Christopher Walsh. This Special Issue is dedicated to Professors Floss and Walsh for their outstanding contributions to the understanding of the fundamental enzymology of natural product biosynthesis in microorganisms that has helped establish the basis for current advances on genome mining and combinatorial biosynthesis for drug discovery. Their contributions are described in more detail in the accompanying Dedication prepared by Rolf Müller and Gerry Wright.

Publisher’s Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

Richard H. Baltz
rbaltz923@gmail.com
1 CognoGen Biotechnology Consulting, 7636 Andora Drive, Sarasota, FL 34238, USA
2 Graduate School of Pharmaceutical Sciences, The University of Tokyo, Tokyo 113-0033, Japan
3 Department of Biological Engineering, Inha University, Incheon 402-751, Korea
4 Helmholtz Institute for Pharmaceutical Research Saarland (HIPS), Helmholtz Centre for Infection Research and Department of Pharmacy, Saarland University, Saarland University Campus, Building E8.1, 66123 Saarbrücken, Germany
5 Department of Pharmaceutical Sciences, College of Pharmacy, University of Kentucky, 789 S. Limestone Street, Lexington, KY 40536, USA
6 Department of Biochemistry and Biomedical Sciences, McMaster University, Hamilton, ON L8N 3Z5, Canada