

Abstract

SESSION 3:

From Vision to Reality: Aligning the Global Agenda with Local Benefits

WORKSHOP 3.3:

Blue Economy Development: Where are we now? Where are we headed?

Biotechnology, Marine Natural Product Chemistry in China and International Cooperation

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Marine natural products (MNPs) are secondary metabolites obtaining small molecular, from marine organisms including animals, plants and microorganisms. MNPs have been used in drug development, novel materials, pesticides, food and environmental protection. Marine natural product chemistry (MNPC) aims to find novel MNPs and their applications, and this is a hot topic of marine science research.

In recent ten years, marine natural product chemistry in China had gotten considerable development. In main seaside cities of China, such as Qingdao, Shanghai, Zhoushan, Xiamen, and Guangzhou, several institutes and research groups of MNPC had been established, in which excellent scientists and advanced equipment had been collected and new researches have been continuously published out.

In every year, Administration of Science and Technology and National Natural Science Foundation of China (NSFC) plan international cooperation program for technology exchange and resource development. The State Oceanic Administration (SOA) also plans "Marine scholarship of Chinese government" for foreign students to get their MD or PhD in marine science and technology in China. We are looking forward to any cooperation with friends.



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Global Targets
Local Benefits

Setting the Sustainable Development Agenda for the Seas of East Asia beyond 2015

About Jinzhong Xu:

Dr. XU Jinzhong is an Associate Professor of the Institute of Marine Biology at the Ocean College of Zhejiang University. He obtained his PhD from Tokyo University of Marine Science and Technology in 2006. His research interests include marine natural products, their bio-activities together with marine drug development.