

Schedule for 1st Mini-symposium: Frontiers in Terpenoids Biosynthesis

(May 22, Tuesday)

AM

Chair: **Tiangang Liu** (Wuhan University)

08: 45-08: 50 Opening Remark

Zixin Deng (Wuhan University, Shanghai Jiao Tong University)

08: 50-09: 35 **David W. Christianson** (University of Pennsylvania)

“Directing Biosynthesis with Modular Architecture in Terpenoid Cyclases”

09: 35-10: 20 **Ikuro Abe** (The University of Tokyo)

“Unusual Enzyme Reactions in Fungal Meroterpenoid Biosynthesis”

10: 20-10: 35 Coffee Break

10: 35-11: 20 **Hideaki Oikawa** (Hokkaido University)

“Biosynthetic study of highly elaborated terpenoids”

11: 20-11: 50 **Jiahai Zhou** (Shanghai Institute of Organic Chemistry, CAS)

“Discovery and Validation of a Sesquiterpene Herbicide”

12: 00-13: 30 Lunch

13: 30-14: 15 **Feng Chen** (University of Tennessee)

“Origins and Evolution of Terpene Synthases in Plants”

14: 15-14: 45 **Shengying Li** (Qingdao Institute of Bioenergy and Bioprocess Technology, CAS)

“P450 enzymes for (un)natural product biosynthesis”

14: 45-15: 15 **Peng Zhang** (Shanghai Institutes for Biological Sciences, CAS)

“Molecular mechanism underlying plant terpenoid diversity”

15: 15-15: 45 **Jiang Xia** (The Chinese University of Hong Kong)

“Assembling multienzyme nanoparticles for cascade catalysis, a synthetic biology approach”

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- 15: 45-16: 00 Coffee Break
- 16: 00-16: 25 **Dan Hu** (Jinan University)
“Biosynthesis of fungus-derived furanosteroidal antibiotic demethoxyviridin,
a potent inhibitor of PI3K”
- 16: 25-16: 50 **Yanlong Yang** (Lanzhou University)
“Identification and Characterization of a UbiA-type Sesterterpene Synthase
from *Streptomyces somaliensis*”
- 16: 50-17: 20 **Tiangang Liu** (Wuhan University)
“Metabolic Engineering Based Terpenoids Discovery”
- 17: 20-18: 00 Academic discussion section
- 18: 00-18: 05 Closing Remark
Tiangang Liu (Wuhan University)
- 18: 30-20: 00 Dinner**