

# Natural Product Reports

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### Cover

See Jun Deng *et al.*, pp. 1755–1785. Image reproduced by permission of Jun Deng from *Nat. Prod. Rep.*, 2025, 42, 1755.



### Inside cover

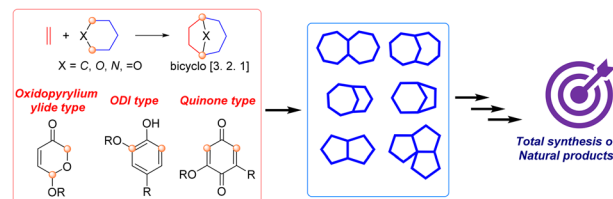
See Margaret A. Brimble *et al.*, pp. 1786–1810. Image reproduced by permission of Eilidh G. Young from *Nat. Prod. Rep.*, 2025, 42, 1786. Image of *Ganoderma applanatum* by Funky Fungi, *Pleurotus cornucopiae* 427740334 by Matej Frančeškin, *Harrisionia perforate* by Eugene Popov, and *Brassica campestris* by aamenabar.

## REVIEWS

1755

### Recent progress of [5 + 2] cycloaddition reactions in natural product synthesis

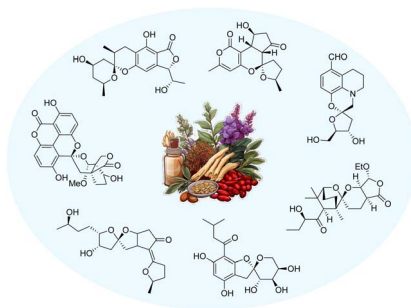
Nan Wang, Yu Bai, Qingyi Zeng, Tao Zhang and Jun Deng\*



1786

### Spiroketal natural products isolated from traditional Chinese medicine: isolation, biological activity, biosynthesis, and synthesis

Eilidh G. Young, Freda F. Li and Margaret A. Brimble\*



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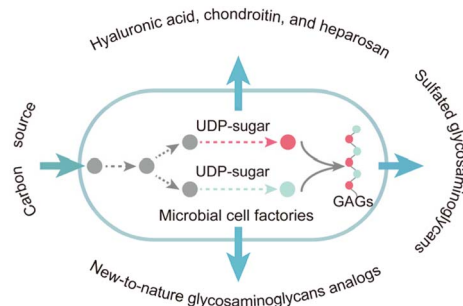
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## REVIEWS

1811

**Microbial engineering for natural and unnatural glycosaminoglycans biosynthesis**

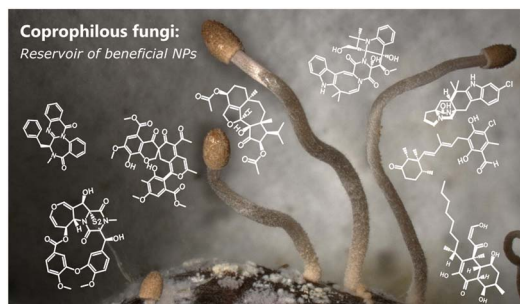
Chunlei Zhao, Jinyi Qian and Xiulai Chen\*



1835

**Coprophilous fungi in the search for new antimicrobials and other beneficial natural products**

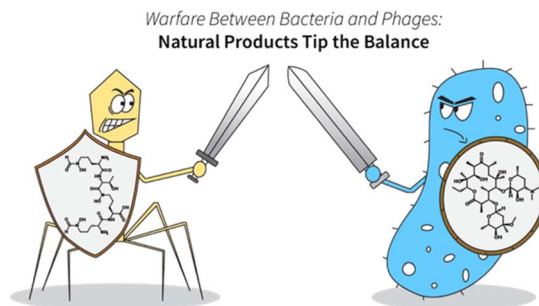
Esteban Charria-Girón, Joseph Tchamgoue, Marc Stadler and Yasmina Marin-Felix\*



1849

**Natural products influence bacteriophage infectivity**

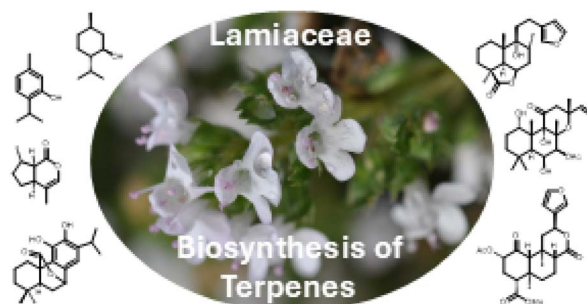
Zhiyu Zang\* and Joseph P. Gerdt\*



1887

**Biosynthesis of biologically active terpenoids in the mint family (Lamiaceae)**

Maximilian Frey,\* Sandra T. Gohr, Tobias G. Köllner, Ulschan Bathe, Nathalie D. Lackus, Federico Padilla-Gonzalez, Dae-Kyun Ro, Sarah E. O'Connor, Jörg Degenhardt and Alain Tissier



## CORRECTION

1909

**Correction: Unpacking policy developments in marine natural product research: a scientist's guide to DSI and BBNJ**

Federica Casolari, Amelia Westmoreland, Thomas Vanagt and Marcel Jaspars\*

