

# NATURAL PRODUCTS AND BIOPROSPECTING

(应用天然产物)

## CONTENTS

Volume 16 Number 2 2026

### ORIGINAL ARTICLES

- 17 Genome mining reveals the unique function of UbiA-type prenyltransferase in *Laetiporus sulphureus***  
Y. Wang · Q. Wang · C. Wang · P. Wang · R. Wang · J. Wu · H. Kawagishi · C. Liu
- 18 Harziachalasin A–G, polycyclic-fused cytochalasins from the endophytic fungus *Trichoderma harzianum* MLJ-4 with HIV latency reversal activity**  
Y.-J. Zhang · X.-Y. Yang · Y.-F. Fu · Q. Liao · J.-Q. Chen · X.-A. Chen · D. Huang · T. Yuan · X. Chen · S. Yin · G.-H. Tang
- 19 Xylanins A–P, sixteen new guaiane-type dimers from the branches and leaves of *Xylopiá viélana* with anti-proliferative activity against PANC-1 cell line**  
X. Jiang · T. Zhang · F. Meng · M. Chen · G. Wang
- 20 Monoterpene indole alkaloids from the aerial parts of *Ophiorrhiza brevidentata* and their immunological activities**  
F. Xu · Z.-H. Li · M.-L. Feng · J.-Y. Jin · B.-B. Shi · J.-K. Liu
- 21 Dietary ellagic acid inhibiting gastrointestinal pathogens by modulation of microbiome-metabolite-immune axis**  
L.-N. Mei · J.-S. Shen · Y. Duan · Z.-Q. Shi · H.-Z. Peng · X.-D. Luo
- 22 *Cortinarius mapuveronicae* from South America, a chemical and morphological link between European and Australian dermocyboid Cortinarií**  
J. Lange · L. Huymann · S. Schwarzkopf · D. Balci · M.D. Davari · A. Turanovic · C. Gotsis · G. Palfner · B. Siewert · U. Peintner · N. Arnold
- 23 Clerodane diterpenoid glycosides from the tuberous roots of *Paratinospora sagittata*: targeted isolation, structure characterization and immunomodulatory properties**  
J.-S. Zhang · R. Ao · Y.-B. Pan · X.-C. Zhuang · Y.-K. Yin · J. Bao · H. Zhang
- 24 Mining anticoagulant peptides from *Poecilobdella manillensis* by peptidomics analysis**  
H.-X. Zheng · X.-L. Deng · T.-T. Li · G.-H. Xia · H. Yang · J.-S. Peng · Y.-P. Shen
- 25 Discovery of pyridomycin derivatives as InhA inhibitors from actinomycetes through molecular networking and an *In-House* tandem mass library**  
B. Lee · G.J. Hwang · J.-P. Jang · B. Park · J. Won · S.Y. Kim · M. Woo · C. Wood · B.Y. Hwang · J.-H. Jang · Y.-S. Hong
- 26 Targeting Integrin  $\beta$ 3: novel antiplatelet lignans 6'-Hydroxyjusticidin B and Neojustin A from *Justicia procumbens* unveiled via multi-omics and biophysical validation**  
M. Xiang · S. Wu · H. Mei · X. Zheng · C. Wang

- 27 Genome mining and functional characterization of four type I sesquiterpene synthases from the Tiger Milk Mushroom *Lignosus rhinocerus***  
M.-X. Gao · L.-L. Guo · M.-T. Wang · X.-Y. Zhang · X. Li · S.-Y. Fung · H.-P. Chen · J.-K. Liu
- 28 Polydosetins & pullularins—bioactive tetramic acids & cyclodepsipeptides from the endophytic and nematophagous fungus *Polydomus karssenii***  
N.A. Llanos-López · J.-P. Wennrich · J. Miled · S. Ashrafi · W. Maier · F. Surup · M. Stadler
- 29 Eight new  $\alpha$ -pyrone and  $\gamma$ -butenolide derivatives from the plant endophytic fungus *Diaporthe* sp. CCY4**  
J.-C. Zeng · X.-P. Zhang · L. Gao · Q.-Q. Yin · W.-G. Wang
- 30 Three new 14-noreudesmane-type sesquiterpenoids from the roots of *Hippophae rhamnoides***  
F.A. Galadanchi · P. Lopukhina · S. Bai · G. Dong · Z. Zhou · H. Xie · X. Wei

Scan with your mobile phone to view WeChat of NPB



## NATURAL PRODUCTS AND BIOPROSPECTING

(Bimonthly)

(Started in 2011)

**Vol. 16 No. 2, April 2026**

---

**Superintended by** Chinese Academy of Sciences

**Sponsored by** Kunming Institute of Botany, Chinese Academy of Sciences  
China Science Publishing & Media Ltd.

**Edited by** Editorial Board of *Natural Products and Bioprospecting* (Kunming 650201, China)  
E-mail: npb@mail.kib.ac.cn

**Editor-in-Chief** Ji-Kai Liu

**Executive Editors-in-Chief** Xiao-Dong Luo and Pema-Tenzin Puno

**Published by** Science Press (16 Donghuangchenggen North Street, Beijing, 100717, China)

**Printed by** Yunnan Boduo Color Printing & Packaging Co., Ltd.

**Domestic distributor** Science Press

**Sole distributor outside Mainland China** Springer

**ISSN electronic version** 2192-2209

**ISSN** 2192-2195

**CN** 53-1234/Q

---