

2021 May Volume 22 Issue 5

浙江大学学报（英文版）B辑：生物医学与生物技术

Journal of Zhejiang University-SCIENCE B

# Biomedicine & Biotechnology

Editors-in-Chief: Shu-min DUAN Zhi-hong LIU

ISSN 1673-1581

CN 33-1356/Q



Impact factor:  
2.082 (2019)

万方数据

 ZHEJIANG  
UNIVERSITY PRESS

 Springer



**Journal of Zhejiang  
University-SCIENCE B  
(Biomedicine &  
Biotechnology)**

**Editors-in-Chief**

Shu-min DUAN  
Zhi-hong LIU

**Administrated by**

Ministry of Education, China

**Sponsored by**

Zhejiang University

**Published by**

Zhejiang University Press

**Edited by**

Editorial Office of *Journal of  
Zhejiang University-SCIENCE*

**Printed by**

Hangzhou Shengyuan Printing  
Services Co., Ltd.

**Publication Date**

1st Week per Month

**Subscription**

Tel: +86-571-87952783;  
E-mail: yangsq@zju.edu.cn;  
Postal distributing code: 32-323

**Contact**

Zhejiang University Press,  
148 Tianmushan Road,  
Hangzhou 310028, China;  
Tel: +86-571-87952783;  
E-mail: jzus\_b@zju.edu.cn

**Price**

100 CNY/Issue

**ISSN 1673-1581**  
**CN 33-1356/Q**

Vol. 22, No. 5, p. 341-430 | May, 2021

# CONTENTS

## Review

- 341 Exosomes in bladder cancer: novel biomarkers and targets

Hao GENG, Qingchen ZHOU, Wenhao GUO, Ling LU, Liangkuan BI,  
Yi WANG, Jie MIN, Dexin YU, Zhaofeng LIANG

## Research Articles

- 348 Protective effect of recombinant *Lactobacillus plantarum* against  
H<sub>2</sub>O<sub>2</sub>-induced oxidative stress in HUVEC cells

Guan WANG, Mingyue HAO, Qiong LIU, Yanlong JIANG, Haibin HUANG,  
Guilian YANG, Chunfeng WANG

- 366 Genome-wide analysis of microRNA156 and its targets, the genes  
encoding SQUAMOSA promoter-binding protein-like (SPL)  
transcription factors, in the grass family Poaceae

Erkui YUE, Hua TAO, Jianhong XU

- 383 Development of a *pyrF*-based counterselectable system for targeted  
gene deletion in *Streptomyces rimosus*

Yiying YANG, Qingqing SUN, Yang LIU, Hanzhi YIN, Wenping YANG, Yang WANG,  
Ying LIU, Yuxian LI, Shen PANG, Wenxi LIU, Qian ZHANG, Fang YUAN,  
Shiwen QIU, Jiong LI, Xuefeng WANG, Keqiang FAN, Weishan WANG,  
Zilong LI, Shouliang YIN

- 397 Phenolic profile of jujube fruit subjected to gut microbiota fermentation and  
its antioxidant potential against ethyl carbamate-induced oxidative damage

Tao BAO, Ming ZHANG, Yuanqing ZHOU, Wei CHEN

- 410 Osteogenic effects of antihypertensive drug benidipine on mouse MC3T3-E1  
cells in vitro

Baixiang WANG, Jiakang YANG, Lijie FAN, Yu WANG, Chenqiu ZHANG,  
Huiming WANG

- 421 Cornuside alleviates experimental autoimmune encephalomyelitis by  
inhibiting Th17 cell infiltration into the central nervous system

Rongbo ZHANG, Jin LIU, Bin XU, You WU, Shunli LIANG, Qiang YUAN

**English Consultants** Alan SEAL (NZ), Elissa KRIEG (USA), Mary Beth SAFFO (USA)

**Executive Editors** Qing YE, Hanfeng LIN