



*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

CONTENTS

Special Issue on DNA Damage Response, Genome Stability, and Human Disease

Guest Editor-in-Chief: Jun HUANG

Reviews

- 1 Mass spectrometry-based protein-protein interaction techniques and their applications in studies of DNA damage repair
Zhen CHEN, Junjie CHEN
- 21 ADP-ribosylhydrolases: from DNA damage repair to COVID-19
Lily YU, Xiuhua LIU, Xiaochun YU
- 31 MRN complex is an essential effector of DNA damage repair
Shan QIU, Jun HUANG
- 38 Regulation of DNA double-strand break repair pathway choice: a new focus on 53BP1
Fan ZHANG, Zihua GONG
- 47 DNA alkylation lesion repair: outcomes and implications in cancer chemotherapy
Yihan PENG, Huadong PEI
- 63 Role of deubiquitinating enzymes in DNA double-strand break repair
Yunhui LI, Jian YUAN
- 73 Target binding and residence: a new determinant of DNA double-strand break repair pathway choice in CRISPR/Cas9 genome editing
Yili FENG, Sicheng LIU, Ruodan CHEN, Anyong XIE

English Consultants Alan SEAL (NZ), Alan SINGLETON (UK), Elissa KRIEG (USA)

Executive Editors Qing YE, Hanfeng LIN

