



**Editors-in-Chief**

Shumin DUAN  
Zhihong 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 B*

**Printed by**

Hangzhou Qianjiang Color  
Printing 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: +86-571-88276199;  
E-mail: jzus\_b@zju.edu.cn

**Price**

100 CNY/Issue

ISSN 1673-1581

CN 33-1356/Q

# CONTENTS

## Reviews

- 105 Roles of Wnt ligands and receptors in oral squamous cell carcinoma

Muhammad TUFAIL, Caiyun HE, Canhua JIANG, Ning LI

- 129 How do mechanical forces impact macrophages in the processes of mechanosensing and mechanotransduction?

Dan YU, Chenlu XU, Jinpeng JIANG, Wenyi SHEN, Huiyong ZHU

## Research Articles

- 149 Type 2 inflammation accelerates CD4<sup>+</sup> T-cell senescence in asthma

Huan LIU, Zemin LI, Yongchang SUN, Abudureyimujiang AILI, Chun CHANG

- 164 Momordicine I induces ER stress and inhibits OSCC by targeting ribosomal proteins

Jianlu KONG, Ziyu ZHU, Yijie HU, Siyi ZHOU, Tianyi GU, Xiao SHEN, Huiming WANG, Mengfei YU, Yu LIU

- 181 Potential relationships between circulating gene expression of *ACE2*, *TLR4*, and *IL-17* and disease severity and outcome of hospitalized patients with COVID-19

Marwa A. DAHPY, Ragaa H. SALAMA, Abdel-Raheem M. A. MEKI, Ashraf Zein El-ABEDEEN, Maiada K. HASHEM, Ebtsam S. ABDULKAREEM, Mohamed MOHANY, Sinisa DJURASEVIC, Amal N. IBRAHIM, Nourhan M. HUSSEIN, Shima Gafar MANSOR, Mohamed Ramadan IZZALDIN, Marwa K. KHAIRALLAH, Suzan Eid Elshishtawy IBRAHIM, Alzahra ABDELBADEA, Islam Khaled Ali HARBY, Fatma Y. A. ABBAS, Rasha M. ALI, Marwa A. SABET, Salwa Seif EIDIN, Abdelraouf M. S. ABDELRAOUF, Amira A. KAMEL

## Perspective

- 194 Consideration of culture in interpersonal psychotherapy practice in Asia: a case study

Xiaoyi ZHOU, Haoyang ZHAO, Guoxun FENG, Jianbo HU, Sarah E. BLEDSOE, Manli HUANG

## Correspondence

- 202 Pulmonary sclerosing pneumocytoma with lymph node metastasis and high <sup>18</sup>F-FDG uptake in PET/CT: a rare case report and literature review

Jingfeng XU, Yilei ZHAO, Qiuli WU, Feng CHEN

**English Consultants** Greg JERKOVICH (Hungary), Elissa KRIEG (USA), Alan SEAL (NZ), Clarence SINGLETON (UK)

**Executive Editors** Qing YE, Hanfeng LIN