

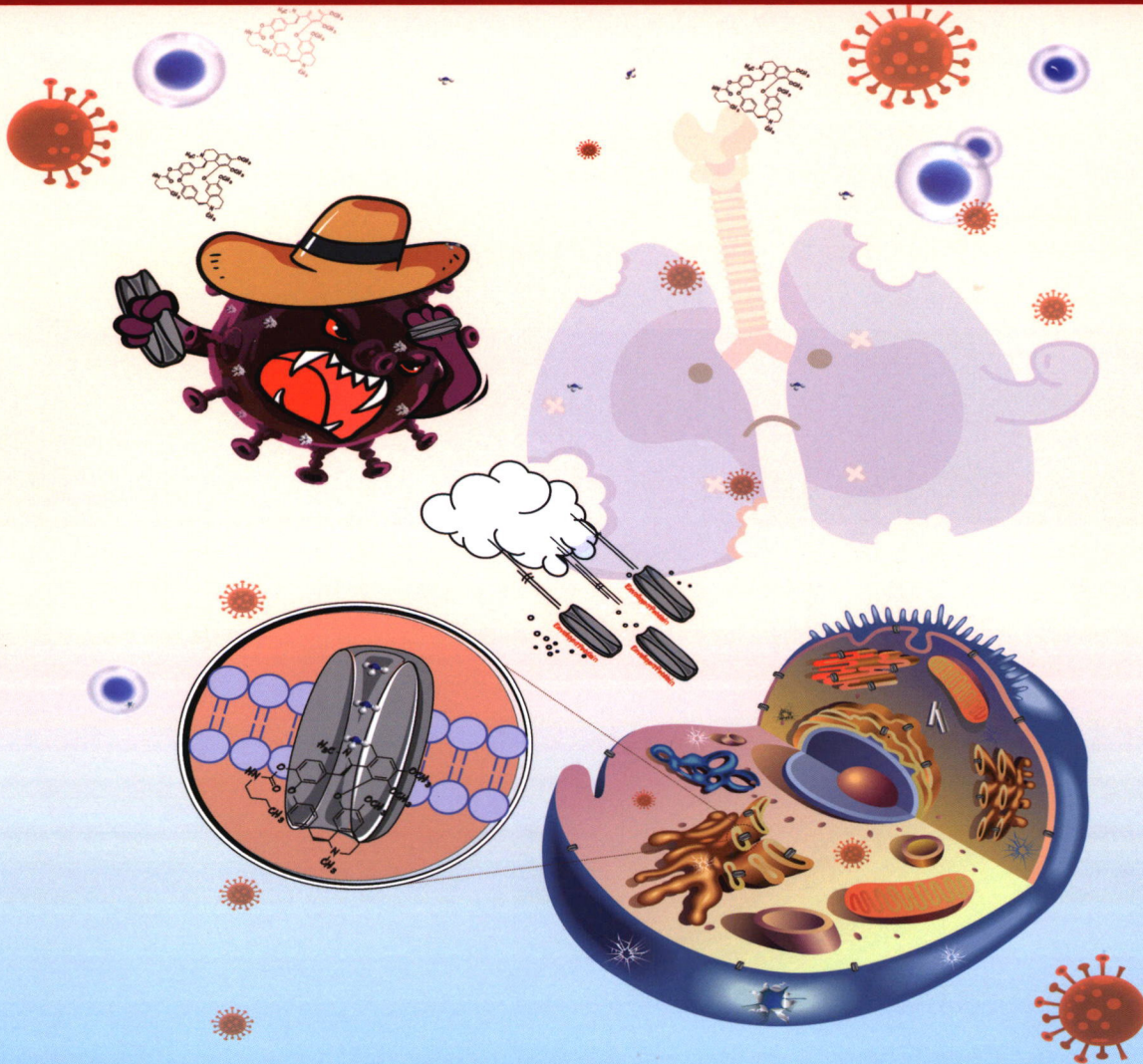
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A cohort autopsy study defines COVID-19 systemic pathogenesis
SARS-CoV-2 2-E protein causes ARDS-like damages and is a drug target
m⁶A modification orchestrates LINE-1-host interactions
Defining pancreatic endocrinogenesis by single-cell RNA sequencing

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RESEARCH HIGHLIGHTS

827 SARS-CoV-2 vaccines: anamnestic response in previously infected recipients

Jyothi N. Purushotham, Neeltje van Doremalen, Vincent J. Munster

829 Nascent RNA m⁶A modification at the heart of the gene–retrotransposon conflict

Victor Billon, Gael Cristofari

832 Host genetics, the microbiome & behaviour — a ‘Holobiont’ perspective

Jatin Nagpal, John F. Cryan

834 Pancreatic endocrinogenesis revisited: “I have all the answers, who has the questions?”

Willem Staels, Raphael Scharfmann

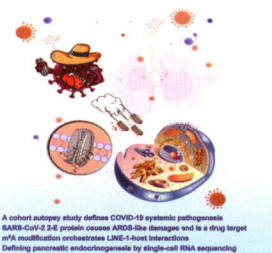
ARTICLES

836 A cohort autopsy study defines COVID-19 systemic pathogenesis **Open**

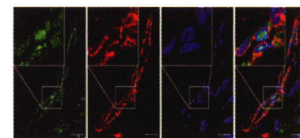
Xiao-Hong Yao, Tao Luo, Yu Shi, Zhi-Cheng He, Rui Tang, Pei-Pei Zhang, Jun Cai, Xiang-Dong Zhou, Dong-Po Jiang, Xiao-Chun Fei, Xue-Quan Huang, Lei Zhao, Heng Zhang, Hai-Bo Wu, Yong Ren, Zhen-Hua Liu, Hua-Rong Zhang, Cong Chen, Wen-Juan Fu, Heng Li, Xin-Yi Xia, Rong Chen, Yan Wang, Xin-Dong Liu, Chang-Lin Yin, Ze-Xuan Yan, Juan Wang, Rui Jing, Tai-Sheng Li, Wei-Qin Li, Chao-Fu Wang, Yan-Qing Ding, Qing Mao, Ding-Yu Zhang, Shu-Yang Zhang, Yi-Fang Ping, Xiu-Wu Bian

847 SARS-CoV-2 envelope protein causes acute respiratory distress syndrome (ARDS)-like pathological damages and constitutes an antiviral target **Open**

Bingqing Xia, Xurui Shen, Yang He, Xiaoyan Pan, Feng-Liang Liu, Yi Wang, Feipu Yang, Sui Fang, Yan Wu, Zilei Duan, Xiaoli Zuo, Zhuqing Xie, Xiangrui Jiang, Ling Xu, Hao Chi, Shuangqu Li, Qian Meng, Hu Zhou, Yubo Zhou, Xi Cheng, Xiaoming Xin, Lin Jin, Hai-Lin Zhang, Dan-Dan Yu, Ming-Hua Li, Xiao-Li Feng, Jiekai Chen, Hualiang Jiang, Gengfu Xiao, Yong-Tang Zheng, Lei-Ke Zhang, Jingshan Shen, Jia Li, Zhaobing Gao



Cover: SARS-CoV-2 envelope protein (2-E) attacks host cells offensively via forming a type of cation channels on biological membranes. The newly identified channel blocker BE-33 exhibits excellent anti-viral activity in a mouse model of SARS-CoV-2 infection. 2-E channel is a promising drug target against SARS-CoV-2. See page 847-860 by Bingqing Xia et al. for details.



Immunofluorescent staining of SARS-CoV-2 spike protein (green) and CD34 (red) in endothelia of pulmonary vessels of COVID-19 lung tissues. See page 836-846 by Xiao-Hong Yao et al. for details.

- 861 RNA m⁶A modification orchestrates a LINE-1-host interaction that facilitates retrotransposition and contributes to long gene vulnerability** *Open*
Feng Xiong, Ruoyu Wang, Joo-Hyung Lee, Shenglan Li, Shin-Fu Chen, Zian Liao, Lana Al Hasani, Phuoc T. Nguyen, Xiaoyu Zhu, Joanna Krakowiak, Dung-Fang Lee, Leng Han, Kuang-Lei Tsai, Ying Liu, Wenbo Li
- 886 Sequential progenitor states mark the generation of pancreatic endocrine lineages in mice and humans**
Xin-Xin Yu, Wei-Lin Qiu, Liu Yang, Yan-Chun Wang, Mao-Yang He, Dan Wang, Yu Zhang, Lin-Chen Li, Jing Zhang, Yi Wang, Cheng-Ran Xu
- 904 Single-cell transcriptomic analysis of somatosensory neurons uncovers temporal development of neuropathic pain**
Kaikai Wang, Sashuang Wang, Yan Chen, Dan Wu, Xinyu Hu, Yingjin Lu, Liping Wang, Lan Bao, Changlin Li, Xu Zhang
- 919 Association of assisted reproductive technology, germline de novo mutations and congenital heart defects in a prospective birth cohort study**
Cheng Wang, Hong Lv, Xiufeng Ling, Hong Li, Feiyang Diao, Juncheng Dai, Jiangbo Du, Ting Chen, Qi Xi, Yang Zhao, Kun Zhou, Bo Xu, Xiumei Han, Xiaoyu Liu, Meijuan Peng, Congcong Chen, Shiyao Tao, Lei Huang, Cong Liu, Mingyang Wen, Yangqian Jiang, Tao Jiang, Chun Cheng Lu, Wei Wu, Di Wu, Minjian Chen, Yuan Lin, Xuejiang Guo, Ran Huo, Jiayin Liu, Hongxia Ma, Guangfu Jin, Yankai Xia, Jiahao Sha, Hongbing Shen, Zhibin Hu

LETTERS TO THE EDITOR

- 929 Molecular basis of ligand recognition and activation of human V2 vasopressin receptor**
Fulai Zhou, Chenyu Ye, Xiaomin Ma, Wanchao Yin, Tristan I. Croll, Qingtong Zhou, Xinheng He, Xiaokang Zhang, Dehua Yang, Peiyi Wang, H. Eric Xu, Ming-Wei Wang, Yi Jiang
- 932 Cryo-EM structure of the AVP-vasopressin receptor 2-G_s signaling complex**
Lei Wang, Jun Xu, Sheng Cao, Dapeng Sun, Heng Liu, Qiuyuan Lu, Zheng Liu, Yang Du, Cheng Zhang
- 935 Sulfated glycosaminoglycans and low-density lipoprotein receptor mediate the cellular entry of *Clostridium novyi* alpha-toxin** *Open*
Yao Zhou, Diyin Li, Jianhua Luo, Aizhong Chen, Xingxing Li, Zhenrui Pan, Li Wan, Liuqing He, Danyang Li, Yanyan Li, Min Dong, Liang Tao

CORRECTIONS

- 939 Publisher Correction: Single-cell transcriptomic analysis of somatosensory neurons uncovers temporal development of neuropathic pain**
Kaikai Wang, Sashuang Wang, Yan Chen, Dan Wu, Xinyu Hu, Yingjin Lu, Liping Wang, Lan Bao, Changlin Li, Xu Zhang
- 941 Author Correction: Cryo-EM structures of the full-length human KCC2 and KCC3 cation-chloride cotransporters**
Ximin Chi, Xiaorong Li, Yun Chen, Yuanyuan Zhang, Qiang Su, Qiang Zhou

ADVANCE ONLINE PUBLICATION

Identification of HSC/MPP expansion units in fetal liver by single-cell spatiotemporal transcriptomics

Suwei Gao, Qiang Shi, Yifan Zhang, Guixian Liang, Zhixin Kang, Baofeng Huang, Dongyuan Ma, Lu Wang, Jianwei Jiao, Xiangdong Fang, Cheng-Ran Xu, Longqi Liu, Xun Xu, Berthold Göttgens, Cheng Li and Feng Liu

Tumor-conditional IL-15 pro-cytokine reactivates anti-tumor immunity with limited toxicity

Jingya Guo, Yong Liang, Diyuan Xue, Jiao Shen, Yueqi Cai, Jiankun Zhu, Yang-Xin Fu and Hua Peng

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Featured articles

Initial whole-genome sequencing and analysis of the host genetic contribution to COVID-19 severity and susceptibility

Cell Discov. 2020 Nov 10;6(1):83. doi: 10.1038/s41421-020-00231-4.

The differential immune responses to COVID-19 in peripheral and lung revealed by single-cell RNA sequencing

Cell Discov. 2020 Oct 20;6:73. doi: 10.1038/s41421-020-00225-2.

Immune cell profiling of COVID-19 patients in the recovery stage by single-cell sequencing

Cell Discov. 2020 May 4;6:31. doi: 10.1038/s41421-020-0168-9.

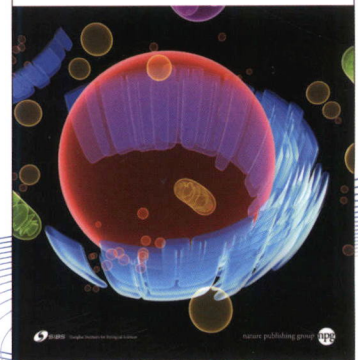
Phosphorylation of cGAS by CDK1 impairs self-DNA sensing in mitosis

Cell Discov. 2020 Apr 28;6:26. doi: 10.1038/s41421-020-0162-2.

Single-cell RNA sequencing reveals the heterogeneity of liver-resident immune cells in human

Cell Discov. 2020 Apr 28;6:22. doi: 10.1038/s41421-020-0157-z.

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