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Myofiber necroptosis promotes muscle stem cell function
AhR signaling stimulates mucus production in COVID-19
Structural insights into cGAS inhibition by nucleosome
Cryo-EM structure of GLP-2R in complex with GLP-2 and Gs



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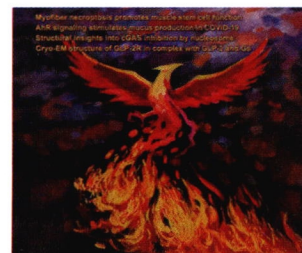
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RESEARCH HIGHLIGHTS

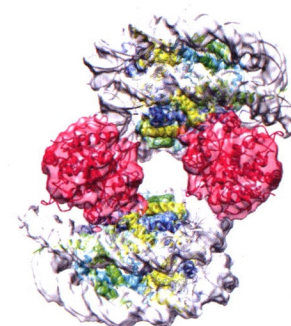
- 1055 Keeping innate immune response in check: when cGAS meets the nucleosome**
Wei Xie, Dinshaw J. Patel
- 1057 Resident macrophages keep mitochondria running in the heart**
Ronald J. Vagnozzi, Jeffery D. Molkentin
- 1059 The SARS-CoV-2 spike protein: balancing stability and infectivity**
Imre Berger, Christiane Schaffitzel
- 1061 Ferroptosis: the Good, the Bad and the Ugly**
Maceler Aldrovandi, Marcus Conrad

ARTICLES

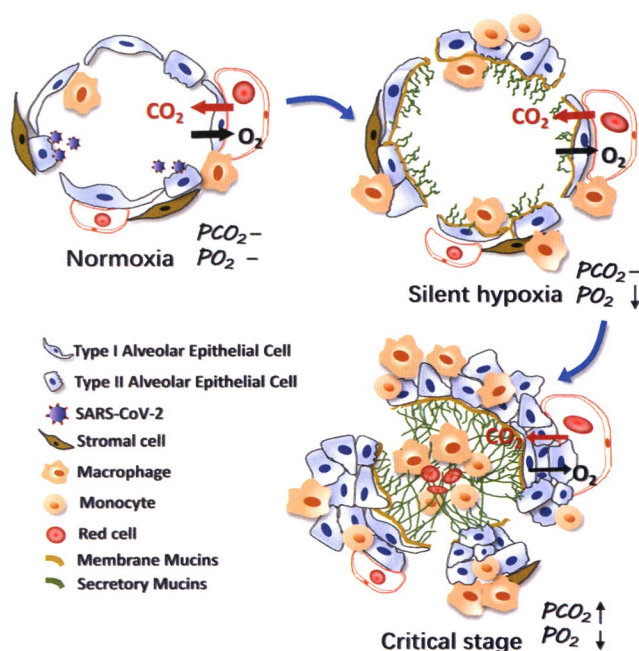
- 1063 Myofiber necroptosis promotes muscle stem cell proliferation via releasing Tenascin-C during regeneration** *Open*
Shen'ao Zhou, Wei Zhang, Gaihong Cai, Yingzhe Ding, Caixia Wei, Sheng Li, Yu Yang, Jie Qin, Dan Liu, Hao Zhang, Xiexiang Shao, Jianhua Wang, Hongye Wang, Wenjun Yang, Huating Wang, She Chen, Ping Hu, Liming Sun
- 1078 Mucus production stimulated by IFN-AhR signaling triggers hypoxia of COVID-19** *Open*
Yuying Liu, Jiadi Lv, Jiangning Liu, Man Li, Jing Xie, Qi Lv, Wei Deng, Nannan Zhou, Yabo Zhou, Jiangping Song, Peng Wang, Chuan Qin, Wei-Min Tong, Bo Huang
- 1088 Structural basis for nucleosome-mediated inhibition of cGAS activity**
Duanfang Cao, Xiaonan Han, Xiaoyi Fan, Rui-Ming Xu, Xinzhen Zhang
- 1098 A unique hormonal recognition feature of the human glucagon-like peptide-2 receptor** *Open*
Wen Sun, Li-Nan Chen, Qingtong Zhou, Li-Hua Zhao, Dehua Yang, Huibing Zhang, Zhaotong Cong, Dan-Dan Shen, Fenghui Zhao, Fulai Zhou, Xiaoqing Cai, Yan Chen, Yan Zhou, Sarina Gadgaar, Wijnand J. C. van der Velden, Suwen Zhao, Yi Jiang, Mette M. Rosenkilde, H. Eric Xu, Yan Zhang, Ming-Wei Wang



Cover: Necroptosis, the death traded for regeneration. See page 1063-1077 by Shen'ao Zhou et al. for details.



High-resolution composite cryo-EM map of the 2:2 cGAS-nucleosome complex. See page 1088-1097 by Duanfang Cao et al. for details.



During SARS-CoV-2 infection, thickened blood–gas barrier caused by mucin sticking hinders O_2 crossing but not CO_2 at the beginning (silent hypoxia). Upon the disease progression, more mucin production in combination with inflammation-induced exudate further increases barrier thickness, impeding the exchange of both O_2 and CO_2 (critical illness). See page 1078–1087 by Yuying Liu et al. for details.

- 1109 Comparative analysis of cell lineage differentiation during hepatogenesis in humans and mice at the single-cell transcriptome level** [Open](#)

Xin Wang, Li Yang, Yan-Chun Wang, Zi-Ran Xu, Ye Feng, Jing Zhang, Yi Wang, Cheng-Ran Xu

- 1127 Structural mechanism of phospholipids translocation by MlaFEDB complex** [Open](#)

Ximin Chi, Qiongquan Fan, Yuanyuan Zhang, Ke Liang, Li Wan, Qiang Zhou, Yanyan Li

LETTERS TO THE EDITOR

- 1136 Resolving individual atoms of protein complex by cryo-electron microscopy** [Open](#)

Kaiming Zhang, Grigore D. Pintilie, Shanshan Li, Michael F. Schmid, Wah Chiu

- 1140 Structural insights into the activation of GLP-1R by a small molecule agonist**

Honglei Ma, Wei Huang, Xiaoxi Wang, Lihua Zhao, Yi Jiang, Feng Liu, Wei Guo, Xianqiang Sun, Wenge Zhong, Daopeng Yuan, H. Eric Xu

- 1143 Liquid–liquid phase separation by SARS-CoV-2 nucleocapsid protein and RNA**

Hui Chen, Yang Cui, Xuling Han, Wei Hu, Min Sun, Yong Zhang, Pei-Hui Wang, Guangtao Song, Wei Chen, Jizhong Lou

INDEX

- 1146 Content index**

ADVANCE ONLINE PUBLICATION

A novel somatosensory spatial navigation system outside the hippocampal formation [Open](#)

Xiaoyang Long and Sheng-Jia Zhang

Tissue-specific transcriptional imprinting and heterogeneity in human innate lymphoid cells revealed by full-length single-cell RNA-sequencing [Open](#)

Luca Mazzurana, Paulo Czarnewski, Viktor Jonsson, Leif Wigge, Markus Ringnér, Teresa C. Williams, Avinash Ravindran, Åsa K. Björklund, Jesper Sjöholm, Gunnar Nilsson, Sven-Erik Dahlén, Ann-Charlotte Orre, Mamdoh Al-Ameri, Charlotte Höög, Charlotte Hedin, Sylwester Szczegielniak, Sven Almer and Jenny Mjösberg

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Featured articles

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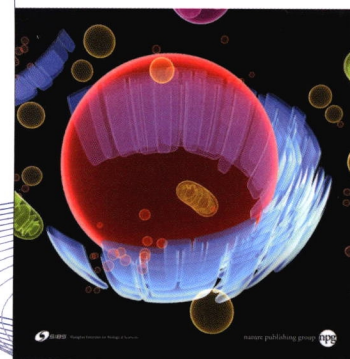
Phosphorylation of cGAS by CDK1 impairs self-DNA sensing in mitosis
Cell Discov. 2020 Apr 28;6:26. doi: 10.1038/s41421-020-0162-2.

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

Comparative genetic analysis of the novel coronavirus (2019-nCoV/SARS-CoV-2) receptor ACE2 in different populations
Cell Discov. 2020 Feb 24;6:11. doi: 10.1038/s41421-020-0147-1.

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Cell Discov. 2019 Mar 19;5:16. doi: 10.1038/s41421-019-0084-z.

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