

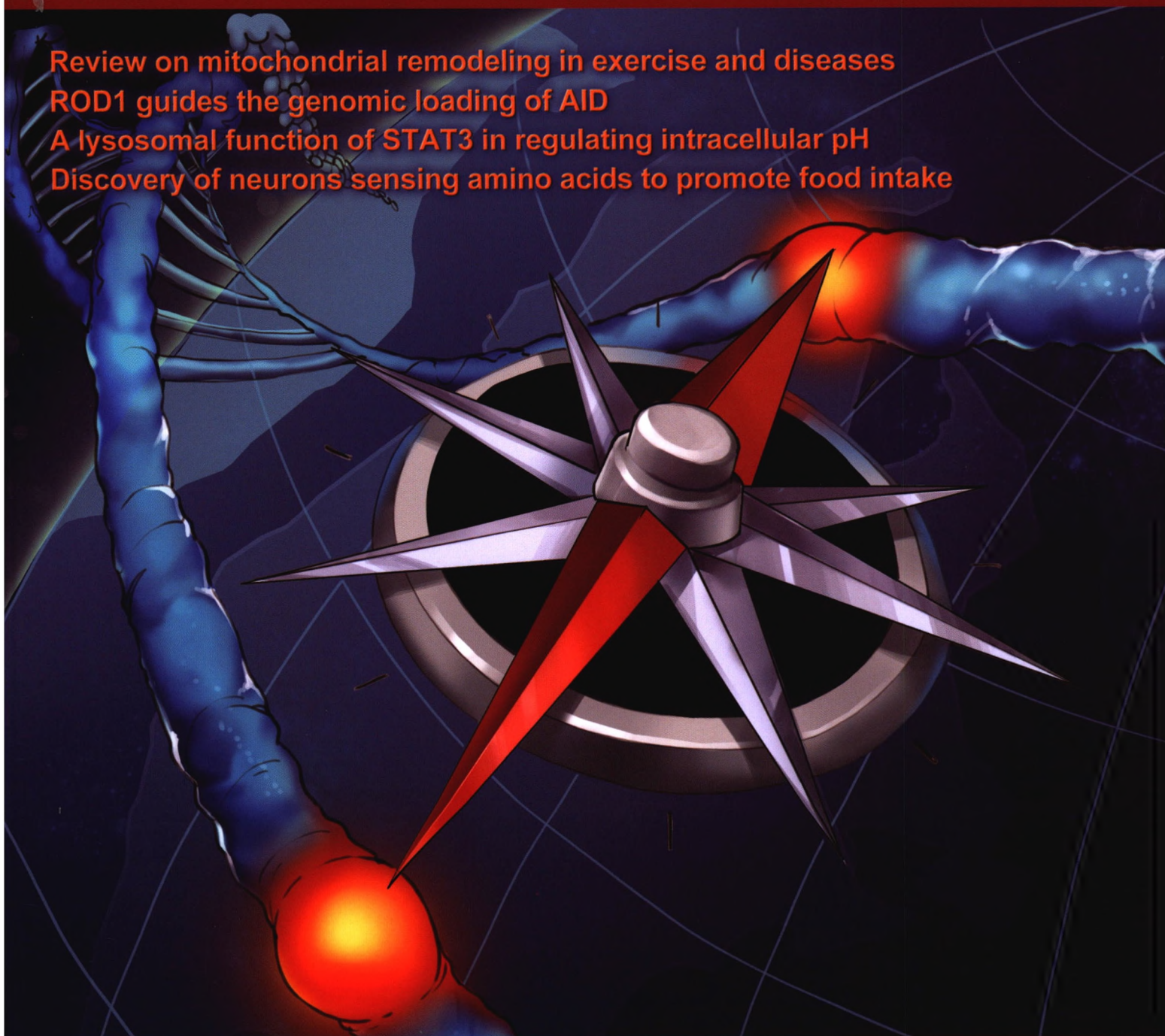
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Review on mitochondrial remodeling in exercise and diseases
ROD1 guides the genomic loading of AID
A lysosomal function of STAT3 in regulating intracellular pH
Discovery of neurons sensing amino acids to promote food intake



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RESEARCH HIGHLIGHTS

963 Guiding a mutator in antibody diversification

Ming Tian, Frederick W. Alt

965 Staged profiling of sperm development in sync

Navin B. Ramakrishna, M. Azim Surani

967 GAS activation in phased droplets

Yongbo Liu, Hua-Bing Li, Richard A. Flavell

REVIEW ARTICLE

969 Skeletal muscle mitochondrial remodeling in exercise and diseases

Zhenji Gan, Tingting Fu, Daniel P. Kelly, Rick B. Vega

ARTICLES

981 The RNA-binding protein ROD1/PTBP3 cotranscriptionally defines AID-loading sites to mediate antibody class switch in mammalian genomes **Open**

Juan Chen, Zhaokui Cai, Meizhu Bai, Xiaohua Yu, Chao Zhang, Changchang Cao, Xihao Hu, Lei Wang, Ruibao Su, Di Wang, Lei Wang, Yingpeng Yao, Rong Ye, Baidong Hou, Yang Yu, Shuyang Yu, Jinsong Li, Yuanchao Xue

996 STAT3 associates with vacuolar H⁺-ATPase and regulates cytosolic and lysosomal pH **Open**

Bin Liu, Johan Palmfeldt, Lin Lin, Alexandria Colaço, Knut K. B. Clemmensen, Jinrong Huang, Fengping Xu, Xin Liu, Kenji Maeda, Yonglun Luo, Marja Jäätelä

1013 A post-ingestive amino acid sensor promotes food consumption in *Drosophila* **Open**

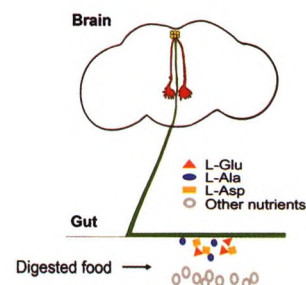
Zhe Yang, Rui Huang, Xin Fu, Gaochang Wang, Wei Qi, Decai Mao, Zhaomei Shi, Wei L. Shen, Liming Wang

1026 Structure of the intact 14-subunit human cytochrome c oxidase

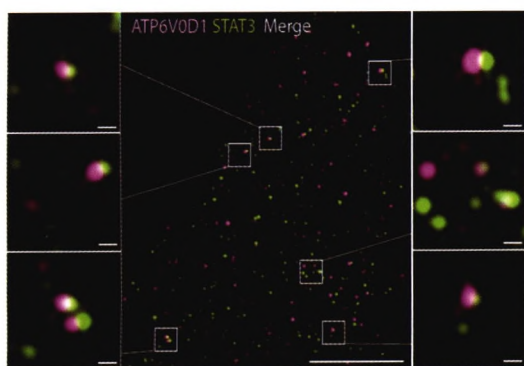
Shuai Zong, Meng Wu, Jinke Gu, Tianya Liu, Runyu Guo, Maojun Yang



Cover: RNA-binding protein ROD1/PTBP3 functions as a “compass” to guide AID targeting via bidirectionally transcribed RNAs (red ball represents hotspot regions). Cover artwork is contributed by Lantao Gou. See page 981-995 by Juan Chen *et al.* for details.



A working model of dietary amino acid sensing in fruit flies. See page 1013-1025 by Zhe Yang *et al.* for details.



A representative SR-SIM image of a HeLa cell stained with anti-STAT3 and anti-ATP6V0D1 antibodies. See page 996-1012 by Bin Liu *et al.* for details.

LETTERS TO THE EDITOR

1035 Loss of YTHDF2-mediated m⁶A-dependent mRNA clearance facilitates hematopoietic stem cell regeneration

Hu Wang, Hongna Zuo, Jin Liu, Fei Wen, Yawei Gao,
Xudong Zhu, Bo Liu, Feng Xiao, Wengong Wang,
Gang Huang, Bin Shen, Zhenyu Ju

1039 Threshold for neural tube defect risk by accumulated singleton loss-of-function variants **Open**

Zhongzhong Chen, Yunping Lei, Yufang Zheng,
Vanessa Aguiar-Pulido, M. Elizabeth Ross, Rui Peng,
Li Jin, Ting Zhang, Richard H. Finnell, Hongyan Wang

CORRECTION

1042 Author Correction: Suppression of m⁶A reader Ythdf2 promotes hematopoietic stem cell expansion

Zhenrui Li, Pengxu Qian, Wanqing Shao, Hailing Shi,
Xi C. He, Madelaine Gogol, Zulin Yu, Yongfu Wang,
Meijie Qi, Yunfei Zhu, John M. Perry, Kai Zhang,
Fang Tao, Kun Zhou, Deqing Hu, Yingli Han,
Chongbei Zhao, Richard Alexander, Hanzhang Xu,
Shiyuan Chen, Allison Peak, Kathryn Hall,
Michael Peterson, Anoja Perera, Jeffrey S. Haug,
Tari Parmely, Hua Li, Bin Shen, Julia Zeitlinger,
Chuan He, Linheng Li

ADVANCE ONLINE PUBLICATION

METTL3-mediated N⁶-methyladenosine mRNA modification enhances long-term memory consolidation **Open**

Zeyu Zhang, Meng Wang, Dongfang Xie, Zenghui Huang, Lisha Zhang, Ying Yang, Dongxue Ma, Wenguang Li, Qi Zhou, Yun-Gui Yang and Xiu-Jie Wang
doi:10.1038/s41422-018-0092-9

Pyruvate kinase M2 regulates homologous recombination-mediated DNA double-strand break repair **Open**

Steven T. Sizemore, Manchao Zhang, Ju Hwan Cho, Gina M. Sizemore, Brian Hurwitz, Balveen Kaur, Norman L. Lehman,
Michael C. Ostrowski, Pierre A. Robe, Weili Miao, Yinsheng Wang, Arnab Chakravarti and Fen Xia
doi:10.1038/s41422-018-0086-7

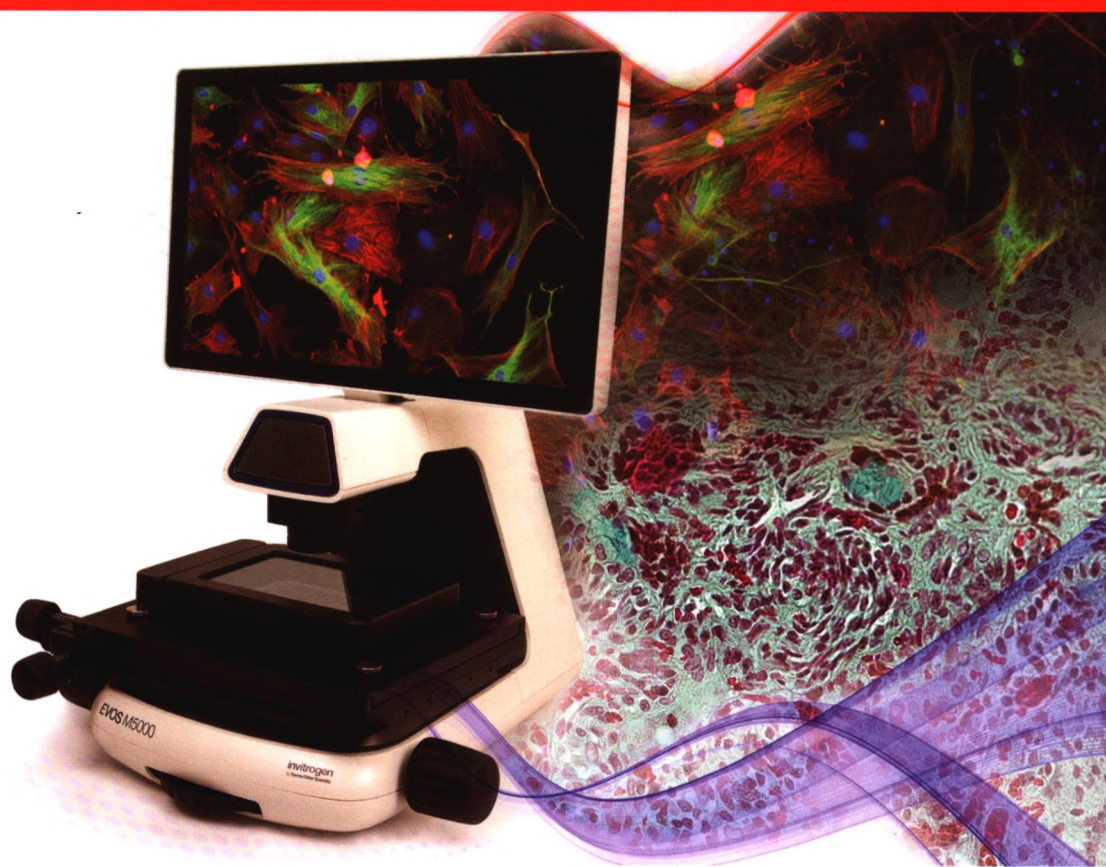
Elimination of CD4^{low}HLA-G⁺ T cells overcomes castration-resistance in prostate cancer therapy

Chao Wang, Jiahuan Chen, Qianfei Zhang, Wang Li, Shengbo Zhang, Yanjie Xu, Fang Wang, Bing Zhang, Yan Zhang and Wei-Qiang Gao
doi:10.1038/s41422-018-0089-4

Tom20 senses iron-activated ROS signaling to promote melanoma cell pyroptosis **Open**

Bo Zhou, Jia-yuan Zhang, Xian-shuo Liu, Hang-zi Chen, Yuan-li Ai, Kang Cheng, Ru-yue Sun, Dawang Zhou, Jiahuai Han and Qiao Wu
doi:10.1038/s41422-018-0090-y

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