

Cell Research



Volume 27 Number 6 June 2017

www.nature.com/cr
www.cell-research.com

Molecular insights into GPCR-GRK interactions
A novel mechanism linking hormonal regulation to lysosomal function
Self-inflicted DNA DSBs promote tumorigenesis
AIM2 inflammasome activation mediates chemotherapy-induced intestinal toxicity



(Founded in 1990)

Online submission via:

<http://www.nature.com/cr>

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Cell Research is published monthly by Nature Publishing Group (NPG) in partnership with Shanghai Institutes for Biological Sciences (SIBS), Chinese Academy of Sciences (CAS) since 2006.

Sponsored by:

Institute of Biochemistry and Cell Biology (IBCB), Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences

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Affiliated with:

The Chinese Society for Cell Biology since August 2007



Granted by:

Publishing Foundation of Chinese Academy of Sciences, National Natural Science Foundation of China, and China Association for Science and Technology



Supported by SPFCAS

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784 Chemotherapy-induced intestinal inflammatory responses are mediated by exosome secretion of double-strand DNA via AIM2 inflammasome activation

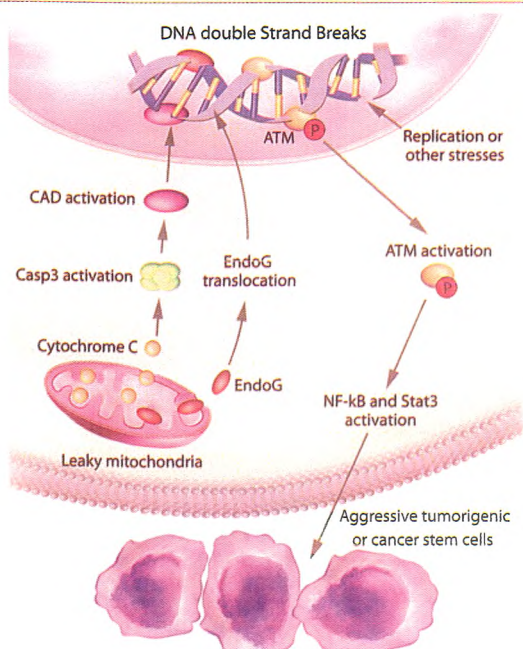
Qiaoshi Lian, Jun Xu, Shanshan Yan, Min Huang, Honghua Ding, Xiaoyu Sun, Aiwei Bi, Jian Ding, Bing Sun, Meiyu Geng



Cover: The cartoon image shows that AIM2 inflammasome in innate immune cells is responsible for the gastrointestinal toxicity via sensing double-strand DNA released from intestinal epithelial cells. See page 784-800 by Qiaoshi Lian *et al.* for details.



3D reconstruction of the 2D negative stain images of the rhodopsin/GRK5 complex overlaid with modeled rhodopsin/GRK5 complex. See page 728-747 by Yuanzheng He *et al.* for details.



An illustration of induction of spontaneous DNA DSBs and their roles in maintaining the stemness and tumorigenicity of cancer cells. See page 764-783 by Xinjian Liu *et al.* for details.

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Xueying Tian, Fen Zhang, Yanhong Cen, Yuko Fujiwara,
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Jianan Wang, Guo-Cheng Yuan, Shumin Duan,
Stuart H Orkin, Guoji Guo*

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Stuart H Orkin, Guoji Guo*

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ADVANCE ONLINE PUBLICATION (published weekly on Tuesday and Friday)

JUNE 2 2017

Alternate binding modes of anti-CRISPR viral suppressors AcrF1/2 to Csy surveillance complex revealed by cryo-EM structures

Ruchao Peng, Ying Xu, Tengfei Zhu, Ningning Li, Jianxun Qi, Yan Chai, Min Wu, Xinzheng Zhang, Yi Shi,

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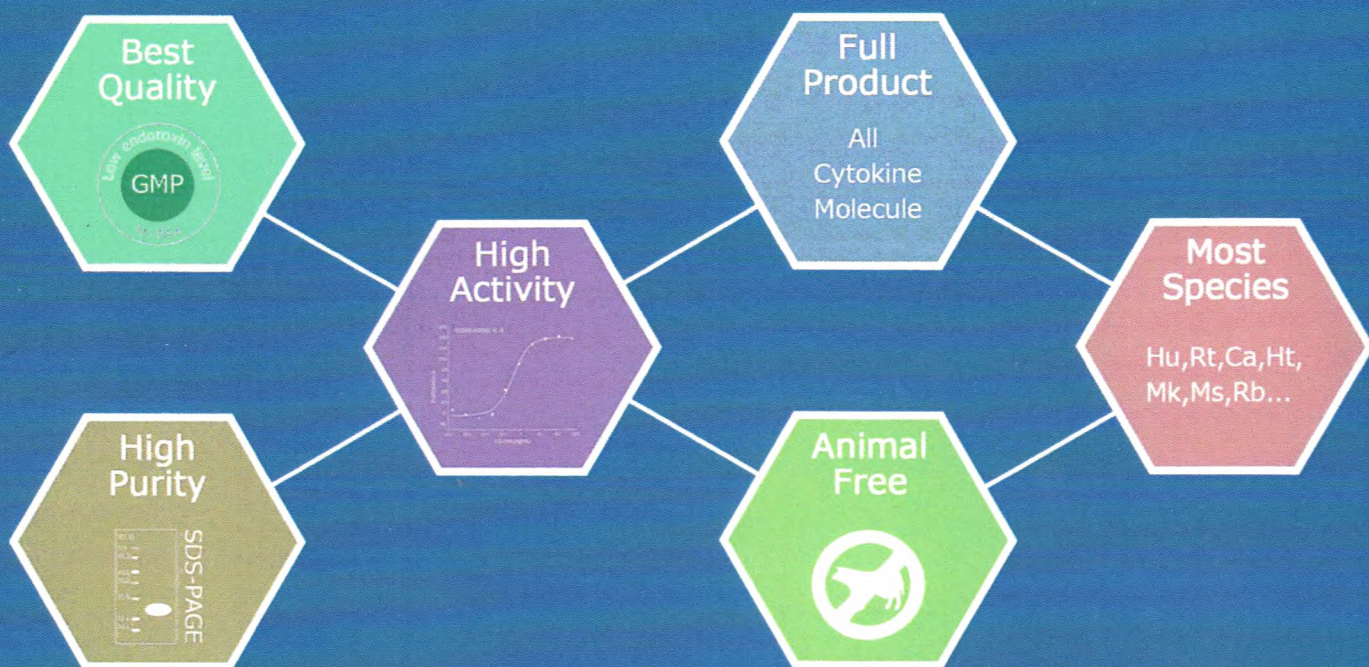
doi:10.1038/cr.2017.79



Sino Biological
Biological Solution Specialist

Sino Biological Cytokine

——Apply to cell culture



More

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600 Receptor

Fast

All in stock
Ship in 24 hours

Better

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