

Cell Research



QK1934649

Volume 29 Number 8 August 2019

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

Safer and more effective anti-CTLA-4 immunotherapy
Intragenic antagonistic roles of protein & circRNA
An IFN-induced lncRNA reinforces antiviral responses
Structural insights into Tel1/ATM activation



ISSN 1001-0602



Institute of Biochemistry and Cell Biology
Shanghai Institutes for Biological Sciences
Chinese Academy of Sciences

SPRINGER NATURE

(Founded in 1990)

Online submission via:

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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.

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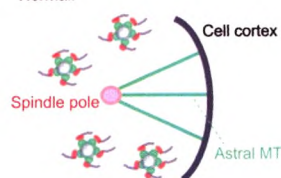
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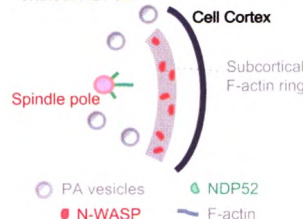
Cover: The dimeric architecture of Tel1/ATM resembles a butterfly stretching out its wings. The symmetric dimer is in an inactive state, whereas the asymmetric structure is representative of the pathway toward activation. See page 655-665 by Jiyu Xin et al. for details.

Prophase/Prometaphase

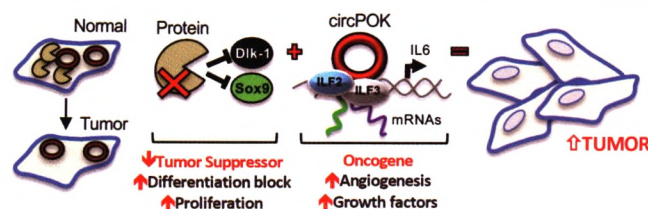
Normal:



Without NDP52:



A working model shows NDP52 vesicles-mediated coordination of subcortical actin and microtubule networks through N-WASP during prophase/prometaphase. See page 666-679 by Huijuan Yu et al. for details.



Schematic representation of the functions played by Pokemon protein (tumor suppressor) and circPOK (proto-oncogene) in the process of mesenchymal tumorigenesis. See page 628-640 by Jlenia Guamerio et al. for details.

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NDUFAB1 confers cardio-protection by enhancing mitochondrial bioenergetics through coordination of respiratory complex and supercomplex assembly **Open**

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Cell Discov. 2019 May 28; 5:29. doi: 10.1038/s41421-019-0101-2.

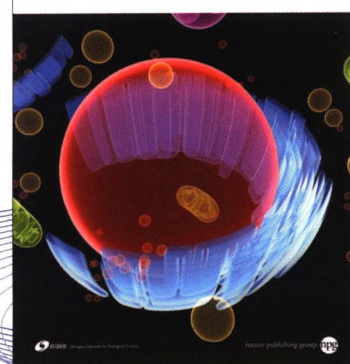
A chemical approach for global protein knockdown from mice to non-human primates
Cell Discov. 2019 Feb 5; 5:10. 10.1038/s41421-018-0079-1.

Repurposing CRISPR-Cas12b for mammalian genome engineering
Cell Discov. 2018 Nov 27; 4:63. doi: 10.1038/s41421-018-0069-3.

A novel antibody-TCR (AbTCR) platform combines Fab-based antigen recognition with gamma/delta-TCR signaling to facilitate T-cell cytotoxicity with low cytokine release
Cell Discov. 2018 Nov 20; 4:62. doi: 10.1038/s41421-018-0066-6.

ADRB2 polymorphism Arg16Gly modifies the natural outcome of heart failure and dictates therapeutic response to β -blockers in patients with heart failure
Cell Discov. 2018 Oct 23; 4:57. doi: 10.1038/s41421-018-0058-6.

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