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# Cell Research



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A comprehensive review on ferroptosis  
AXL is a novel receptor for SARS-CoV-2  
Revealing the mechanism and function of ER whorls  
Discovery of a novel ESCRT-independent exosome pathway

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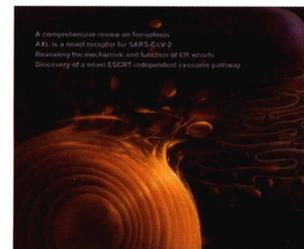
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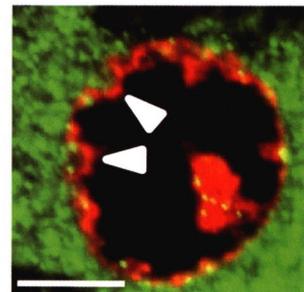
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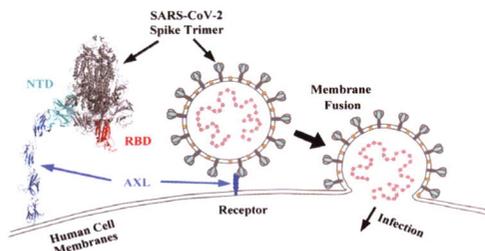
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**Cover:** Formation of ER whorls by COPII machinery is a new type of UPR response. See page 141-156 by Fang Xu et al. for details.



Representative image of MVE membrane budding to form ILVs driven by the active RAB31 in NCI-H1975 cells. See page 157-177 by Denghui Wei et al. for details.



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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

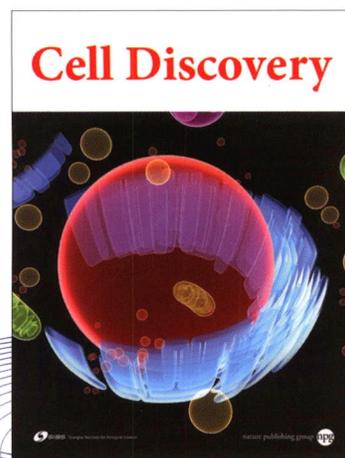
*Cell Discov.* 2020 May 4;6:31. doi: 10.1038/s41421-020-0168-9.

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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