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L1 and B1/Alu repeats compartmentalize the 3D genome

A novel strategy for in vivo RNAi therapy

A spatial navigation system outside the hippocampal formation

A primate-specific lncRNA controls nucleolar structure & function

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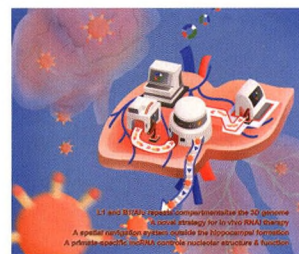
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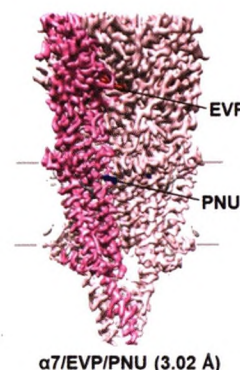
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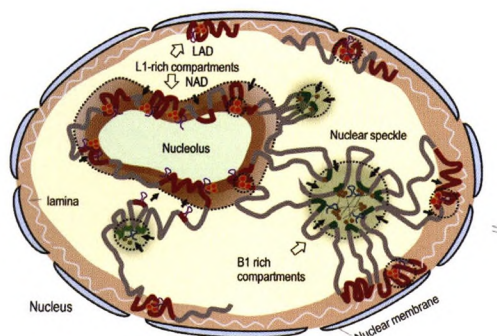
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Cover: When synthetic biology meets RNAi therapy. Programmable genetic circuits (multicolor circles) utilize the liver as tissue chassis and a bio-generator, which can continuously produce and assemble exosome-encapsulated siRNAs (orange balls with spikes) for targeted delivery to multiple organs. See page 631–648 by Zheng Fu et al. for details. This cover is designed by Tianxiang Lan.



Cryo-EM map of human $\alpha 7$ nicotinic acetylcholine receptor in EVP/PNU-bound state. See page 713–716 by Yue Zhao et al. for details.



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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.

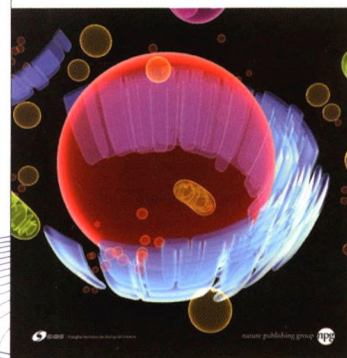
Phosphorylation of cGAS by CDK1 impairs self-DNA sensing in mitosis

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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