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**Mammalian ALKBH1 is an N^6 -mA demethylase of unpairing DNA
 m^6A -dependent circular RNA biogenesis in male germ cells
Meningeal lymphatic vessels regulate brain tumor immune response
Generating functional human spermatids by in vitro testicular organogenesis**



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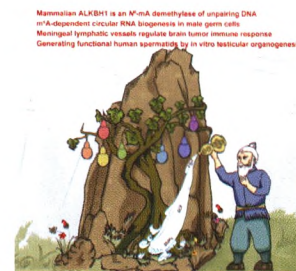
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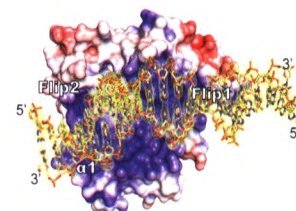
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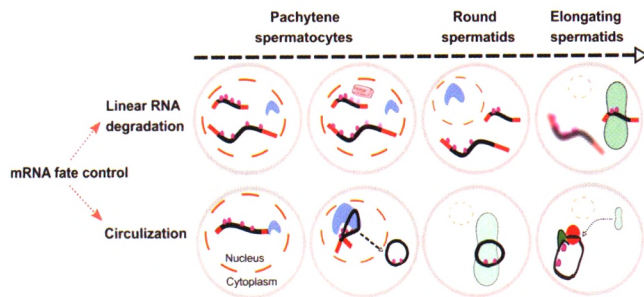
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Cover: The cover image describes a Chinese fairy tale, the “Calabash Brothers”, in which an old man grows calabash seedlings (in vitro spermatogenesis), via germination (mitosis), vine elongation (meiosis), flowering and fructification (spermiogenesis) to produce seven calabash brothers of different colors (fertilization-competent spermatids). See page 244-255 by Yan Yuan et al. for details.



Structure of ALKBH1 in complex with a 21-mer bulged DNA. See page 197-210 by Min Zhang et al. for details.



A schematic depicting the role of m^6A in mRNA fate control in late meiotic and haploid phases of spermatogenesis. See page 211-228 by Chong Tang et al. for details.

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

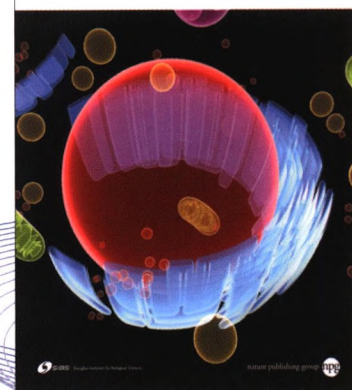
A chemical approach for global protein knockdown from mice to non-human primates
Cell Discov. 2019 Feb 5; 5:10. 10.1038/s41421-018-0079-1.

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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