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Vaccines-elicited immune response to SARS-CoV-2 variants
Single-cell transcriptomic analyses of human embryonic skeletogenesis
Direct control of Ca^{2+} channels by ultrafast laser
COMP is an endogenous allosteric modulator of AT1 receptor

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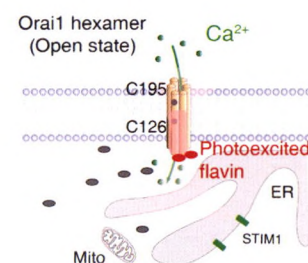
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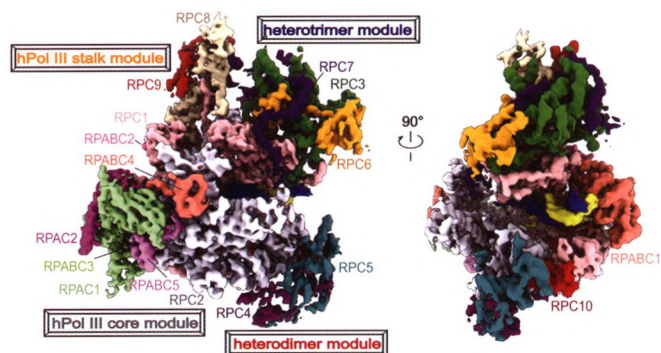
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Cover: The Monkey King is reminiscent of the embryonic skeletal stem and progenitor cells (eSSPCs) that localize in the perichondrial region of the developing long bones (mimicked by the Golden Cudgel), which self-renew and give rise to skeletal lineage cells as revealed by our single-cell transcriptomic and functional analyses. The image is designed by Zhenyu Hong and edited by Ran Li and Jing Yan. See page 742-757 by Jian He et al. for details.



Schematic diagram of the general mechanism of femtoSOC, a method that enables direct control of Ca²⁺ channels solely by ultrafast laser. See page 758-772 by Pan Cheng et al. for details.



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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

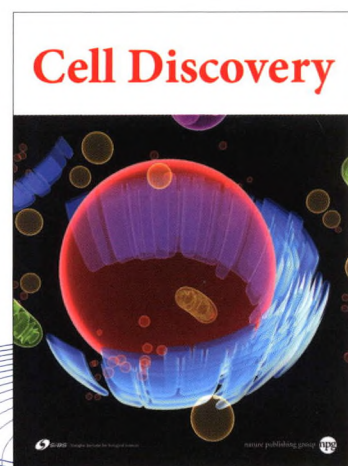
Cell Discov. 2020 May 4;6:31. doi: 10.1038/s41421-020-0168-9.

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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