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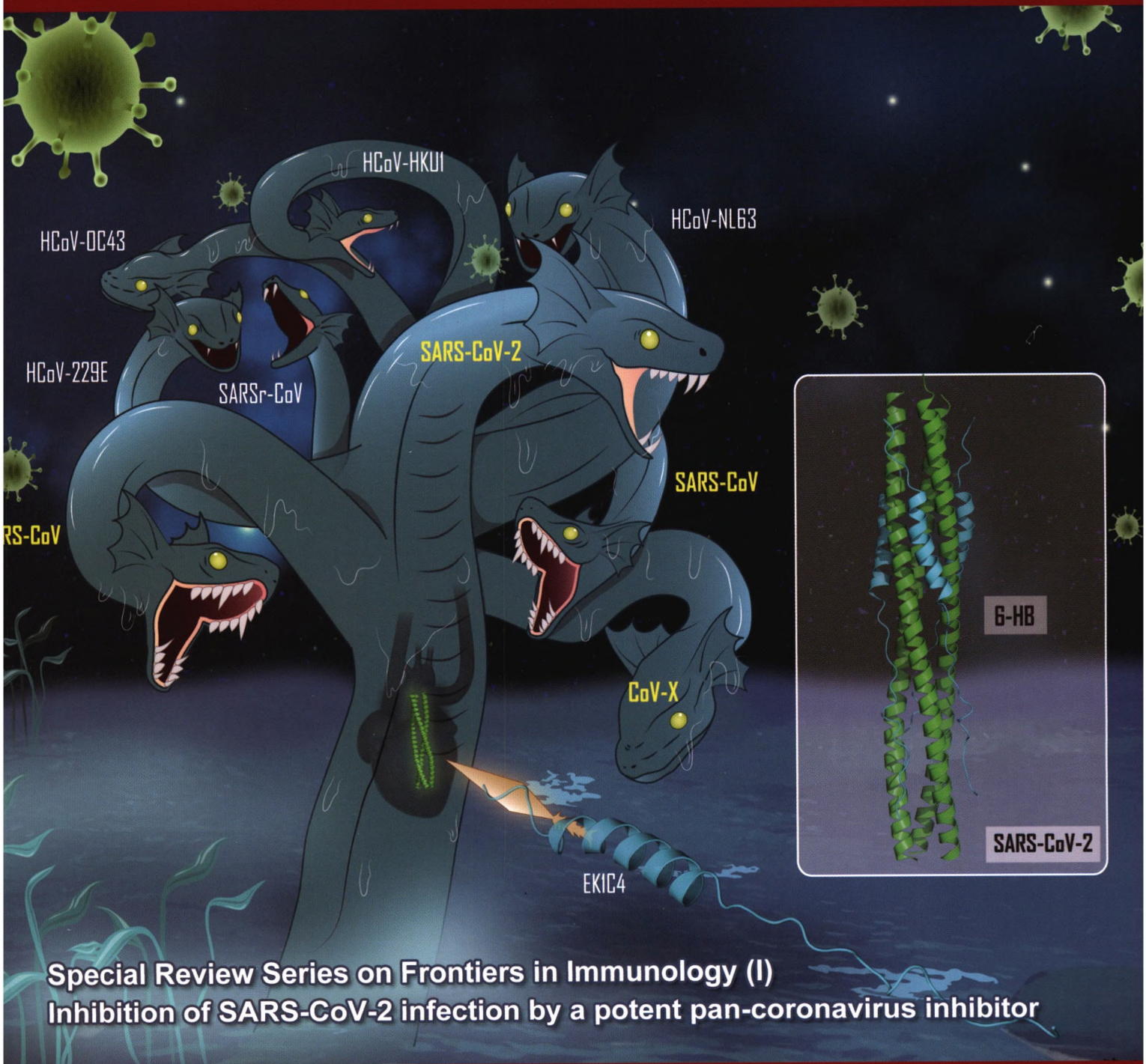

Special Review Series on Frontiers in Immunology (I)
Inhibition of SARS-CoV-2 infection by a potent pan-coronavirus inhibitor

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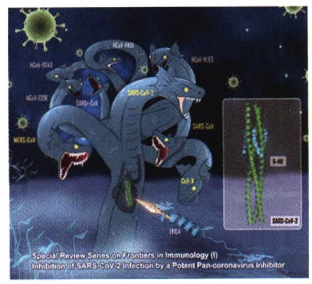
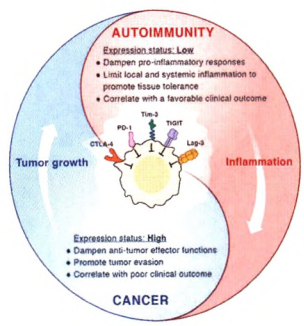


Cover: The cover implies that the human coronavirus family consists of some evil members like the Hydra in Greek myth, while the entry inhibitor (EK1C4) like an arrow shoots the heart of the viruses, the conserved HR1-trimer, to block six-helical bundle (6-HB) formation and inhibit viral infection. See page 343-355 by Shuai Xia et al. for details.



The Yin and Yang of co-inhibitory receptors. Schematic representation of the co-inhibitory receptors' functional role in autoimmunity and cancer. See page 285-299 by Alexandra Schnell et al. for details.

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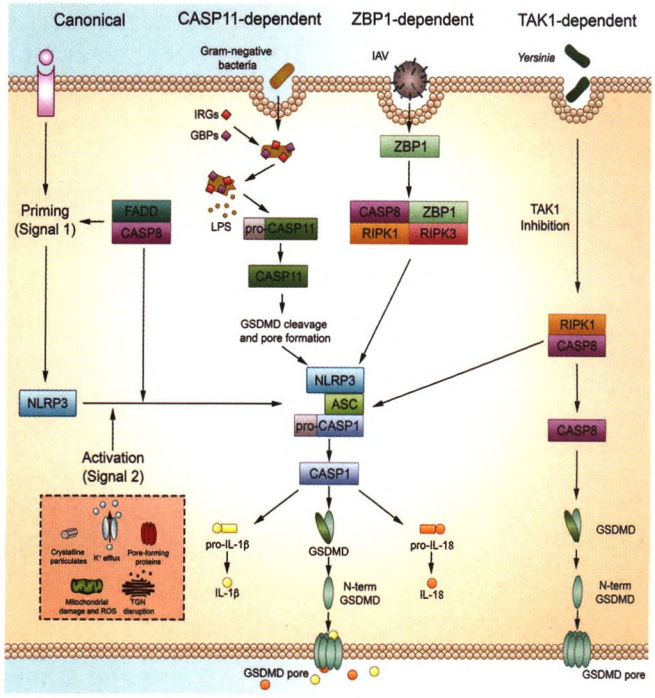

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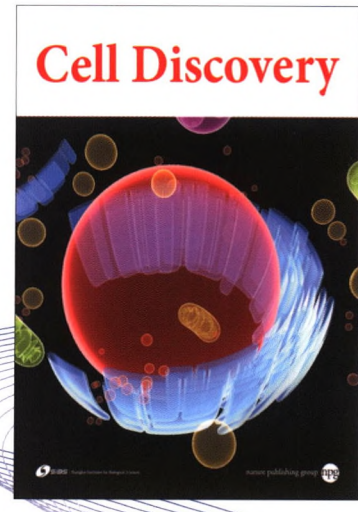

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Cell Discov. 2019 May 28; 5:29. doi: 10.1038/s41421-019-0101-2.

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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