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**25** Dynamics of host immune responses to SARS-CoV-2

Taherkhani R *et al.* Immune responses to SARS-CoV-2

Reza Taherkhani, Sakineh Taherkhani, Fatemeh Farshadpour

**4** Abstract

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the most recent global health threat, is spreading throughout the world with worrisome speed, and the current wave of coronavirus disease-2019 (COVID-19) seems to have no mercy. While this mysterious virus challenges our ability to control viral infections, our opportunities to control the COVID-19 pandemic are gradually fading. Currently, pandemic management relies on preventive interventions. Although prevention is a good strategy

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Mar 23, 2020 · Since December, 2019, coronavirus disease 2019 (COVID-19) has affected more than 100 000 patients globally.<sup>1</sup> COVID-19 is caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and has a case-fatality rate of 2-3%, with higher rates among elderly patients and patients with comorbidities.<sup>2</sup> Person-to-person transmission is efficient, with multiple clusters reported.

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