

Eastern Mediterranean Health Genomics & Biotechnology Network



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EMGEN newsletter (Special Issue-10 on Covid-19)

Number 3-82, June, 2020

Corona Virus Research and EMRO countries

<i>Row</i>	<i>Article</i>	<i>link</i>	<i>Country</i>
1	Mapping the changes on incidence, case Fatality rates and recovery proportion of COVID-19 in Afghanistan using geographical information systems	https://www.sciencedirect.com/science/article/pii/S018844092030744X	Afghanistan

2	ENT manifestation in COVID-19 patients	https://www.sciencedirect.com/science/article/pii/S0385814620301462	Egypt
3	Emerging from the other end: key measures for a successful COVID-19 lockdown exit strategy and the potential contribution of pharmacists	https://www.sciencedirect.com/science/article/pii/S1551741120305313	Egypt
4	The hidden victims of COVID-19 pandemic: congenital heart disease patients	https://www.sciencedirect.com/science/article/pii/S2666084920306677	Egypt
5	The enigma of health literacy and COVID-19 pandemic	https://www.sciencedirect.com/science/article/pii/S0033350620302687	Egypt
6	Ribosomal proteins as a possible tool for blocking SARS-COV 2 virus replication for a potential prospective treatment	https://www.sciencedirect.com/science/article/pii/S0306987720308537	Egypt
7	Serial interval and time-varying reproduction number estimation for COVID-19 in western Iran	https://www.sciencedirect.com/science/article/pii/S2052297520300676	Iran
8	COVID-19 resurgence in Iran	https://www.sciencedirect.com/science/article/pii/S0140673620314070	Iran
9	A narrative literature review on traditional medicine options for treatment of corona virus disease 2019 (COVID-19)	https://www.sciencedirect.com/science/article/pii/S1744388120307039	Iran
10	Laboratory findings of COVID-19 infection are conflicting in different age groups and pregnant women: a literature review	https://www.sciencedirect.com/science/article/pii/S0188440920308444	Iran

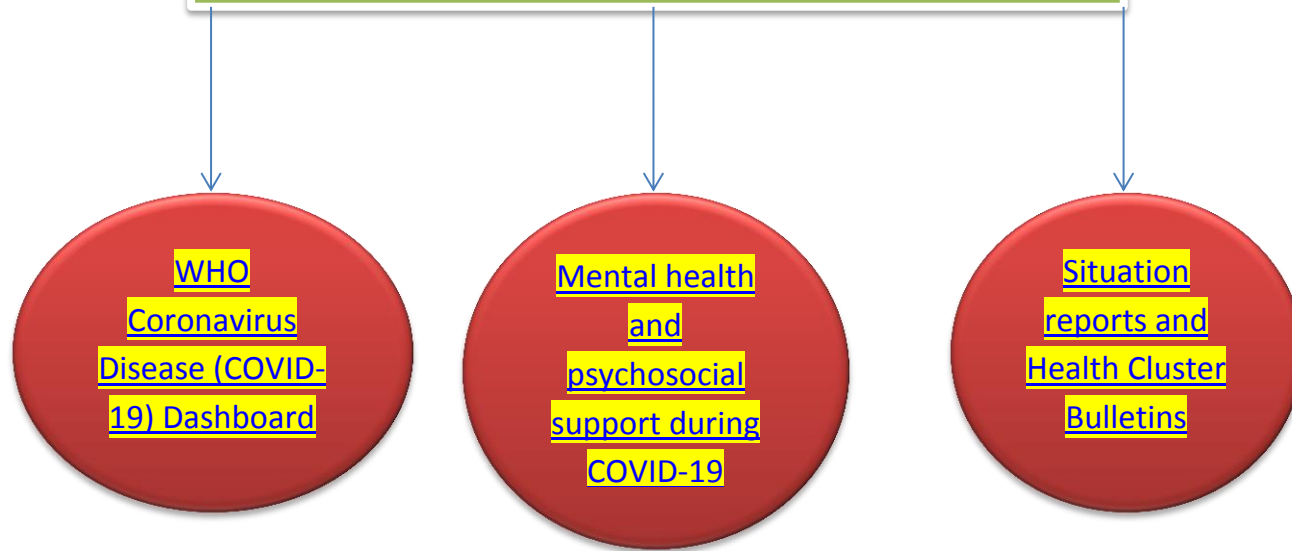
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| 11 | Targeting cytokine storm to manage patients with COVID-19: a mini-review | https://www.sciencedirect.com/science/article/pii/S0188440920305907 | Iran |
| 12 | The role of extracellular vesicles in COVID-19 virus infection | https://www.sciencedirect.com/science/article/pii/S1567134820302537 | Iran |
| 13 | Temporary changes in clinical guidelines of gestational diabetes screening and management during COVID-19 outbreak: a narrative review | https://www.sciencedirect.com/science/article/pii/S1871402120301995 | Iran |
| 14 | Hypothesis for the management and treatment of the COVID-19-induced acute respiratory distress syndrome and lung injury using mesenchymal stem cell-derived exosomes | https://www.sciencedirect.com/science/article/pii/S0306987720311208 | Iran |
| 15 | Extrapulmonary manifestations of COVID-19: Radiologic and clinical overview | https://www.sciencedirect.com/science/article/pii/S0899707120301674 | Iran |
| 16 | Novel coronavirus disease (COVID-19): a pandemic (epidemiology, pathogenesis and potential therapeutics) | https://www.sciencedirect.com/science/article/pii/S052297520300317 | Iran |
| 17 | Symmetrical polyneuropathy in coronavirus disease 2019 (COVID-19) | https://www.sciencedirect.com/science/article/pii/S214250920301232 | Iran |
| 18 | Pharmacists' readiness to deal with the coronavirus pandemic: assessing awareness and perception of roles | https://www.sciencedirect.com/science/article/pii/S1551741120304186 | Jordan |
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19	Commentary: myths and facts on vitamin D amidst the COVID-19 pandemic	https://www.sciencedirect.com/science/article/pii/S0026049520301402	Lebanon
20	Carvedilol and COVID-19: a potential role in reducing infectivity and infection severity	https://www.sciencedirect.com/science/article/pii/S002962920302044	Lebanon
21	Organization of a radiotherapy service during the COVID-19 epidemic: experience of Regional Center of Oncology of Agadir, Morocco	https://www.sciencedirect.com/science/article/pii/S1078817420300961	Morocco
22	Ethical issues related to the hydroxychloroquine treatment prescription for Covid-19	https://www.sciencedirect.com/science/article/pii/S352552520300852	Morocco
23	COVID-19: what you need to know	https://www.sciencedirect.com/science/article/pii/S2452014420301709	Morocco
24	Corrigendum to “a fatal case of COVID-19 due to metabolic acidosis following dysregulate inflammatory response (cytokine storm)	https://www.sciencedirect.com/science/article/pii/S214250920301736	Oman
25	Impact of building ventilation systems and habitual indoor incense burning on SARS-CoV-2 virus transmissions in Middle Eastern countries	https://www.sciencedirect.com/science/article/pii/S0048969720328734	Oman
26	Clinical characteristics and outcomes of the first 63 adult patients hospitalized with COVID-19: an experience from Oman	https://www.sciencedirect.com/science/article/pii/S1876034120304962	Oman

27	Price reaction, volatility timing and funds' performance during Covid-19	https://www.sciencedirect.com/science/article/pii/S1544612320305316	Pakistan
28	Novel SARS-CoV-2/COVID-19: origin, pathogenesis, genes and genetic variations, immune responses and phylogenetic analysis	https://www.sciencedirect.com/science/article/pii/S2452014420301667	Pakistan
29	Computed tomography, deep learning and ultrasonography role in the diagnosis of COVID-19 pandemic lung infection	https://www.sciencedirect.com/science/article/pii/S1572100020302349	Pakistan
30	Recent advances in molecular diagnosis curbing the COVID-19	https://www.sciencedirect.com/science/article/pii/S1201971220304392	Pakistan
31	The first few cases and fatalities of Corona virus disease 2019 (COVID-19) in the Eastern Mediterranean Region of the World Health Organization: a rapid review	https://www.sciencedirect.com/science/article/pii/S1876034120305190	Qatar
32	Coronavirus nCOVID-19: a pandemic disease and the Saudi precautions	https://www.sciencedirect.com/science/article/pii/S1319016420301250	Saudi Arabia
33	An analytical study on the awareness, attitude and practice during the COVID-19 pandemic in Riyadh, Saudi Arabia	https://www.sciencedirect.com/science/article/pii/S1876034120305256	Saudi Arabia
34	Forecasting the spread of the COVID-19 pandemic in Saudi Arabia using ARIMA prediction model under current public health interventions	https://www.sciencedirect.com/science/article/pii/S1876034120304937	Saudi Arabia

35 Acute myelitis as a neurological complication of Covid-19:a case report and MRI findings <https://www.sciencedirect.com/science/article/pii/S1930043320302478> United Arab Emirates

Reliable Websites to get Coronavirus updates



Note: You may double click on each of the circles to get access to data.

New Findings

[Antibodies from llamas could help in fight against COVID-19, study suggests](#)

Researchers linked two copies of a special kind of antibody produced by llamas to create a new antibody that binds tightly to a key protein on the coronavirus that causes COVID-19. This protein, called the spike protein, allows the virus to break into host cells. Initial tests indicate that the antibody blocks viruses that display this spike protein from infecting cells in culture.

[COVID-19 vaccine development](#)

Scientists have recently identified a set of potential vaccine targets for SARS-CoV-2 coronavirus, to guide experimental efforts towards vaccine development against novel pneumonia (COVID-19).

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