

Eastern Mediterranean Health Genomics & Biotechnology Network



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EMGEN newsletter (Special Issue-17 on Covid-19)

Number 3-90, Aug, 2020

Corona Virus Research and EMRO countries

<i>Row</i>	<i>Article</i>	<i>link</i>	<i>Country</i>
1	Establishing a 130-bedded field intensive care unit to prepare for COVID-19 in 7 days in Bahrain Military Hospital	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32782041	Bahrain
2	Epidemiology of SARS-CoV-2 in Egypt	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32782041	Egypt

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3	A diagnostic genomic signal processing (GSP)-based system for automatic feature analysis and detection of COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32793981	Egypt
4	Drive-thru pharmacy services: a way forward to combat COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32792322	Egypt
5	Current coronavirus (SARS-CoV-2) epidemiological, diagnostic and therapeutic approaches: an updated review until June 2020	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32788913	Egypt
6	Investigating virological, immunological, and pathological avenues to identify potential targets for developing COVID-19 treatment and prevention strategies	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32781571	Egypt, United Arab Emirates
7	Pharmacokinetic basis of the hydroxychloroquine response in COVID-19: implications for therapy and prevention	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32780273	Egypt
8	Intralesional antigen immunotherapy for warts in the era of COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32772744	Egypt
9	The possible immunoregulatory and anti-inflammatory effects of selective serotonin	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32768893	Egypt

reuptake inhibitors in coronavirus disease patients

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| 10 | Treatment of pemphigus patients in the COVID-19 era: a specific focus on rituximab | https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32794333 | Iran |
| 11 | Novel coronavirus 2019 (COVID-19) and epidermolysis bullosa: report of three cases | https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32794270 | Iran |
| 12 | COVID-19 clinical characteristics, and sex-specific risk of mortality: systematic review and meta-analysis | https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32793620 | Iran |
| 13 | Reopening of dental clinics during SARS-CoV-2 pandemic: an evidence-based review of literature for clinical interventions | https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32793519 | Iran |
| 14 | Computational-based drug repurposing methods in COVID-19 | https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32793443 | Iran |
| 15 | COVID-19 clinical implications: the significance of nanomedicine | https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32793434 | Iran |
| 16 | The effects of type 2 Diabetes Mellitus on organ metabolism and the immune system | https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32793223 | Iran |

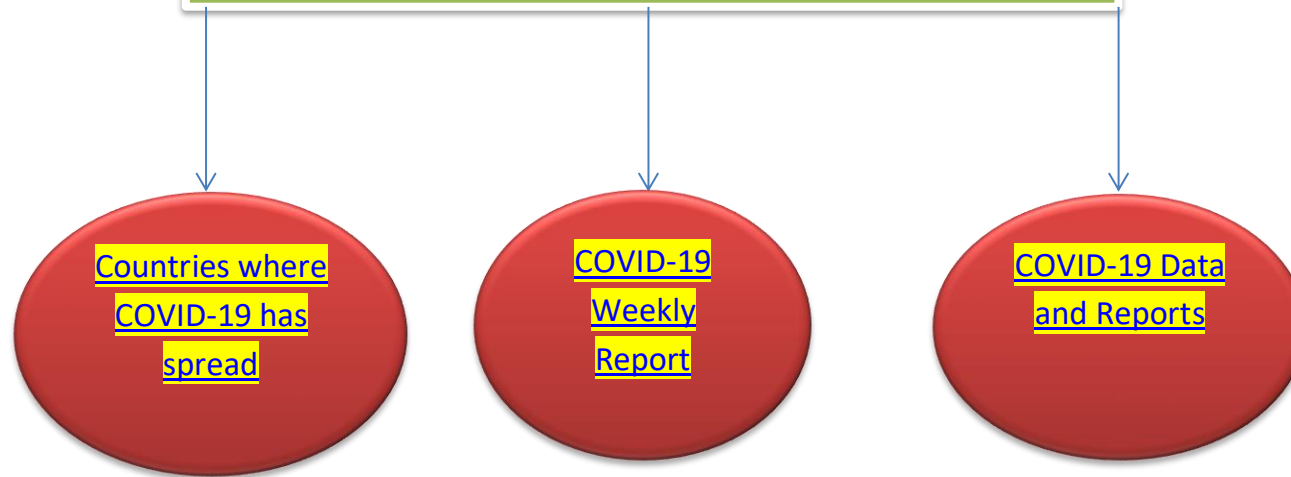
17	Liver abnormality may develop cerebral venous sinus thrombosis in COVID-19	https://pubmed.ncbi.nlm.nih.gov/32791424/	Iran
18	Fear control and danger control amid COVID-19 dental crisis: application of the extended parallel process model	https://pubmed.ncbi.nlm.nih.gov/32790730/	Iran
19	Early respiratory outcomes following cardiac surgery in patients with COVID-19	https://pubmed.ncbi.nlm.nih.gov/32789988/	Iran
20	Evaluation of technology-based learning by dental students during the pandemic outbreak of Corona virus disease 2019	https://pubmed.ncbi.nlm.nih.gov/32789943/	Iraq
21	Generalized status epilepticus as a possible manifestation of COVID-19	https://pubmed.ncbi.nlm.nih.gov/32779768/	Kuwait
22	Structural analysis of ACE2 variant N720D demonstrates a higher binding affinity to TMPRSS2	https://pubmed.ncbi.nlm.nih.gov/32768580/	Kuwait
23	Nurses at the front line of COVID-19: roles, responsibilities, risks, and rights	https://pubmed.ncbi.nlm.nih.gov/32783796/	Lebanon
24	Should we screen patients with hematologic malignancies for COVID-19?	https://pubmed.ncbi.nlm.nih.gov/32779823/	Lebanon
25	Metronomic chemotherapy for patients with metastatic breast cancer: review of effectiveness	https://pubmed.ncbi.nlm.nih.gov/32791424/	Lebanon

	and potential use during pandemics	769038	
26	The hidden Markov chain modeling of the COVID-19 spreading using Moroccan dataset	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32789156	Morocco
27	Repurposing of known anti-virals as potential inhibitors for SARS-CoV-2 main protease using molecular docking analysis	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32773989	Morocco
28	Staring down the barrel of COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32792798	Oman
29	COVID-19 associated invasive candidiasis	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32771402	Oman
30	COVID-19 anxiety among frontline nurses: predictive role of organizational support, personal resilience and social support	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32770780	Oman
31	Missed takes towards a pandemic of COVID-19? a systematic literature review of Coronavirus related diseases in Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32794461	Pakistan
32	Knowledge, attitude and preventive practices related to COVID-19 among health professionals of Punjab province of Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32794458	Pakistan
33	Multisystem inflammatory syndrome associated with COVID-19 in children in Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32791052	Pakistan

34	Data for understanding trust in varied information sources, use of news media, and perception of misinformation regarding COVID-19 in Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32789157	Pakistan
35	COVID-19 associated pneumonia and pleural effusion masquerading as heart failure in rheumatic heart disease	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32789145	Pakistan
36	Is there a smoker's paradox in COVID-19?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32788164	Pakistan,
37	Epidemiological and clinical characteristics of coronavirus disease (COVID-19) cases at a screening clinic during the early outbreak period: a single-center study	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32783802	Pakistan
38	Conducting the mortality and morbidity meetings during COVID-19 pandemic, a tertiary care center experience in Qatar	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32776525	Qatar
39	COVID-19 and comorbidities: deleterious impact on infected patients	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32788073	Saudi Arabia, Pakistan, Sudan
40	Containment of COVID-19: the unprecedented response of Saudi Arabia	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32794457	Saudi Arabia
41	Digital public health and COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32791051	Saudi Arabia

42	Digital response during COVID-19 pandemic in Saudi Arabia	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32790642	Saudi Arabia
43	Mapping COVID-19 related research from Saudi Arabia, a scoping review. Between reality and dreams	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32789418	Saudi Arabia
44	Suggestion of Tunisia's medical oncologist in the management of breast cancer during COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32791938	Tunisia
45	Assessment of sample pooling for SARS-CoV-2 molecular testing for screening of asymptomatic persons in Tunisia	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32768876	Tunisia
46	An analysis on self-management and treatment-related functionality and characteristics of highly rated anxiety apps	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32768994	United Arab Emirates, Morocco
47	Homo sapiens versus SARS-CoV-2	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32786329	United Arab Emirates
48	Covid-19 pandemic research opportunity: is the Middle East & North Africa (MENA) missing out?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32781230	United Arab Emirates
49	Apoptosis and pericyte loss in alveolar capillaries in COVID-19 infection: choice of markers matters	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32770345	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

[COVID-19 May Cause Long Term Memory Loss and Cognitive Decline](#)

Many COVID-19 patients experience neurological symptoms. These include loss of smell and delirium, with some reporting longer-lasting effects such as chronic fatigue syndrome and Guillan-Barre syndrome, a rare disorder in which your body's immune system attacks your nerves. But can COVID-19 also cause long-term memory loss and cognitive decline?

[Could cat drugs treat humans with COVID-19?](#)

Two experimental drugs for cats could potentially help treat humans infected with COVID-19, Science News reported.

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