

Eastern Mediterranean Health Genomics & Biotechnology Network



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EMGEN newsletter (Special Issue-15 on Covid-19)

Number 3-87, July, 2020

Corona Virus Research and EMRO countries

<i>Row</i>	<i>Article</i>	<i>link</i>	<i>Country</i>
1	Implementation of breast cancer continuum of care in low- and middle-income countries during the COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32715776	Egypt, Morocco, Saudi Arabia, Jordan
2	Chloroquine as chemoprophylaxis for COVID-	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32	Egypt

	19: will this work?	713336	
3	Acute parotitis as a presentation of COVID-19?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32713097	Egypt
4	Potential limitations of plasmapheresis in treatment of COVID-19 patients and how to overcome them?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32710694	Egypt
5	Rheumatologists' practice during the Coronavirus disease 2019 (COVID-19) pandemic: a survey in Egypt	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32710198	Egypt
6	Deploying machine and deep learning models for efficient data-augmented detection of COVID-19 infections	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32708803	Egypt, Saudi Arabia
7	A scoping review of the impact of COVID-19 pandemic on surgical practice	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32704366	Egypt, Syria, Jordan
8	Diagnostic and interventional radiology case volume and education in the age of pandemics: impact analysis and potential future directions	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32703647	Egypt
9	The effect of BCG vaccine in the era of COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32698247	Egypt

10	COVID-19 and hydatidiform mole	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32698238	Egypt
11	Cutaneous manifestations of Covid 19: a case report & a new finding from Egypt	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32691948	Egypt
12	The novel insight of SARS-CoV-2 molecular biology and pathogenesis and therapeutic options	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32716648	Iran
13	ADRS due to COVID-19 in midterm pregnancy: successful management with plasma transfusion and corticosteroids	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32715804	Iran
14	COVID-19 as a natural disaster: focusing on exposure and vulnerability for response	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32713408	Iran
15	With risk of reinfection, is COVID-19 here to stay?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32713383	Iran
16	Covid-19 in Iran: the good, the bad and the ugly strategies for preparedness - a report from the field.	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32713382	Iran
17	Gossip, rumors and the COVID-19 crisis	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32713376	Iran

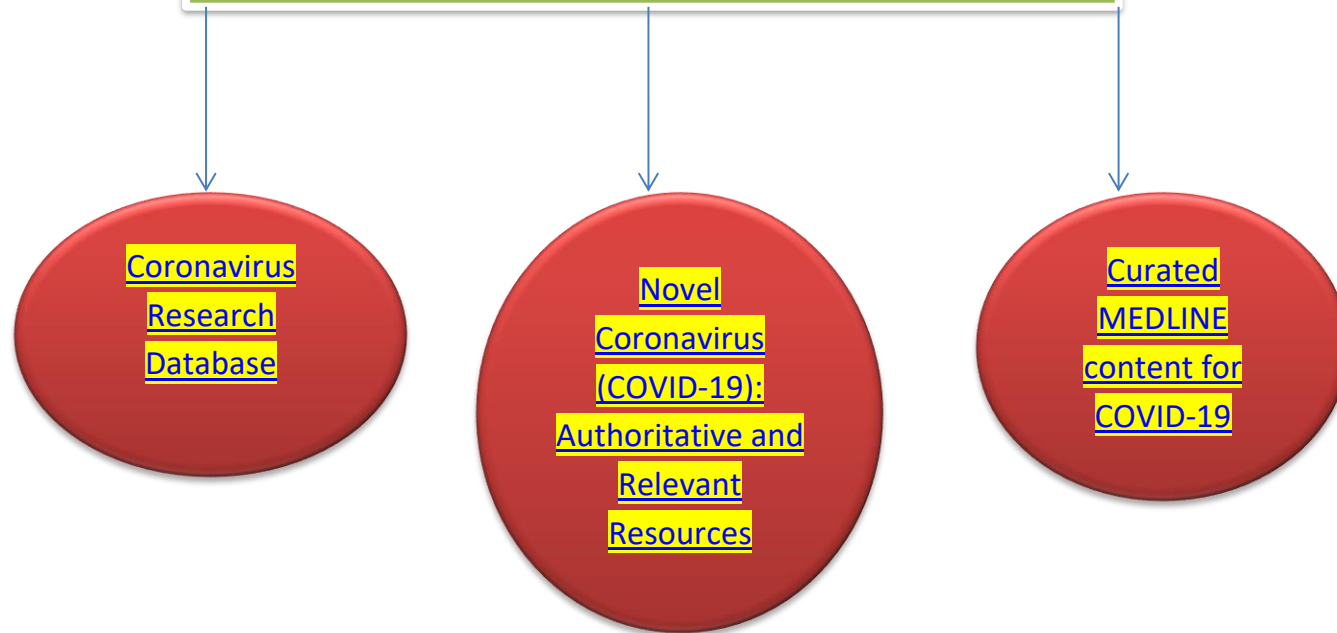
18	Decoding the proteome of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) for cell-penetrating peptides involved in pathogenesis or applicable as drug delivery vectors	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32712315	Iran
19	Dysentery as a rare GI symptom found in COVID-19 patients	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32711958	Iran
20	Harm reduction during the COVID-19 outbreak in Iran	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32711718	Iran
21	Diabetes and COVID-19: a systematic review on the current evidences	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32711003	Iran
22	COVID-19 related anagen effluvium	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32628051	Iraq
23	The role of the Global Health Development/Eastern Mediterranean Public Health Network and the Eastern Mediterranean Field Epidemiology Training Programs in preparedness for COVID-19	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7104707	Jordan, Yemen, Sudan, Afghanistan, Pakistan, Morocco, Saudi Arabia, Iraq
24	Hand sanitisers amid CoViD-19: a critical review of alcohol-based products on the market and formulation approaches to respond to increasing demand	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32461194	Jordan

25	Employing augmented reality telesurgery for COVID-19 positive surgical patients	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32700761	Kuwait
26	Progress in breast cancer research amid the COVID-19 gloom	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32710663	Lebanon
27	Crosstalk between COVID-19 and prostate cancer	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32709978	Lebanon
28	Narrative reflections on the role of psychiatry residents in the early days of the COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32700237	Lebanon
29	The eye: a possible new route of infection in COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32713386	Libya
30	Environmental side effects of the injudicious use of antimicrobials in the era of COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32702547	Oman
31	Use of social media and WhatsApp to conduct teaching activities during the COVID-19 lockdown in Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32715575	Pakistan
32	Risks of zoonotic transmission of COVID-19 during Eid-UI-Adha in Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32713407	Pakistan, Saudi Arabia
33	In silico identification of potential inhibitors of key SARS-CoV-2 3CL hydrolase (Mpro) via molecular docking, MMGBSA predictive binding energy calculations, and molecular dynamics simulation	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32706783	Pakistan

34	SARS-CoV-2 causes Kawasaki like disease in children; cases reported in Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32706410	Pakistan
35	Covid-19 and dengue coepidemics: a double trouble for overburdened health systems in developing countries	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32706408	Pakistan
36	Impact of COVID-19 on laboratory professionals-a descriptive cross sectional survey at a clinical chemistry laboratory in a developing country	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32704368	Pakistan
37	Loop-mediated isothermal amplification (LAMP): a rapid, sensitive, specific, and cost-effective point-of-care test for coronaviruses in the context of COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32707972	Qatar
38	Detection of SARS-CoV-2 RNA by direct RT-qPCR on nasopharyngeal specimens without extraction of viral RNA	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32706827	Qatar
39	Effect of temperature and humidity on the dynamics of daily new cases and deaths due to COVID-19 outbreak in Persian Gulf countries in Middle East Region	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32706095	Saudi Arabia
40	Factors influencing global variations in COVID-19 cases and fatalities; a review	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32708986	Saudi Arabia, Jordan, Egypt

41	Celebrating Eid-ul-Adha in the era of COVID-19 pandemic in Pakistan: potential threats and precautionary measures	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32712243	Saudi Arabia, Pakistan
42	SARS-CoV-2 whole genome amplification and sequencing for effective population-based surveillance and control of viral transmission	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32715310	United Arab Emirates
43	Simplified visual aid to detect early CT findings in COVID-19 pneumonia for non-radiologists	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32710124	United Arab Emirates
44	COVID-19-associated encephalopathy: neurological manifestation of COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32690988	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

[Study identifies 21 existing drugs that could treat COVID-19](#)

A new study has identified 21 existing drugs that stop the replication of SARS-CoV-2, the virus that causes COVID-19.

[How COVID-19 causes smell loss](#)

Loss of smell, or anosmia, is one of the earliest and most commonly reported symptoms of COVID-19. A new study identifies the olfactory cell types most vulnerable to infection by the novel coronavirus. Surprisingly, sensory neurons involved in smell are not among the vulnerable cell types.

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