

Eastern Mediterranean Health Genomics & Biotechnology Network



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EMGEN newsletter (Special Issue-21 on Covid-19)

Number 3-94, Sep, 2020

Corona Virus Research and EMRO countries

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1	Medical education adaptations post COVID-19: an Egyptian reflection	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32923673	Egypt
2	Synthesis of 3,3'-methylenebis(4-hydroxyquinolin-2(1H)-ones) of prospective	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32923673	Egypt

	anti-COVID-19 drugs	926254	
3	Aplastic anemia and COVID-19: how to break the vicious circuit?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32923084	Egypt
4	ACEIs, ARBs, ibuprofen originally linked to COVID-19: the other side of the mirror	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32920716	Egypt
5	A possible role for GRP78 in cross vaccination against COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32920062	Egypt
6	Impact of coronavirus disease (COVID-19) pandemic on multiple sclerosis care	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32919242	Egypt, Kuwait
7	The role of host genetics in susceptibility to severe viral infections in humans and insights into host genetics of severe COVID-19: a systematic review	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32918943	Egypt
8	Sex-mediated effects of ACE2 and TMPRSS2 on the incidence and severity of COVID-19; The need for genetic implementation	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32917573	Egypt
9	Public awareness in Egypt about COVID-19 spread in the early phase of the pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32912808	Egypt

10	The role of university teaching staff members in cognitive awareness and raising the level of health protection, value, and moral of students through the COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32904882	Egypt, Saudi Arabia
11	Importance of hyperglycemia in preoperative, intraoperative and postoperative periods in COVID-19 patients	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32927136	Iran
12	COVID-19 meningitis without pulmonary involvement with positive cerebrospinal fluid PCR	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32926425	Iran
13	Rising incidence of musculoskeletal discomfort in the wake of the COVID-19 crisis	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32925136	Iran
14	A review of studies on the epidemic crisis of COVID-19 disease with a preventive approach	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32925133	Iran
15	Let's get back to work: Preventive biological cycle management of the coronavirus in the workplace	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32925132	Iran
16	Portal vein thrombosis associated with COVID-19: points to consider	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32922855	Iran
17	The challenges ahead for patients with feeding	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32922855	Iran

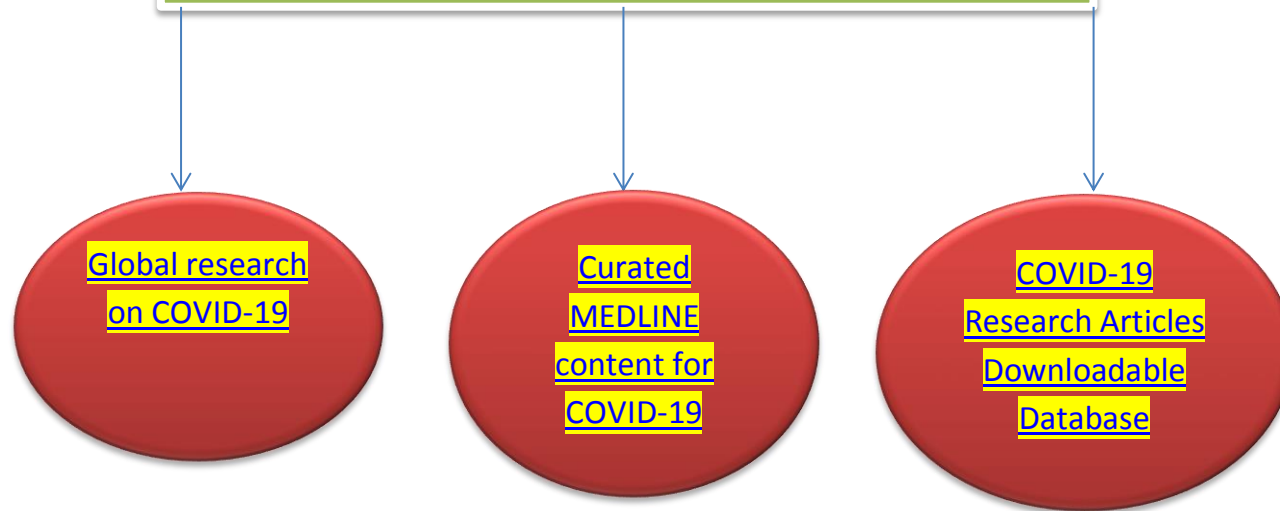
	and eating disorders during the COVID-19 pandemic	922783	
18	Is case fatality rate an appropriate index to represent the status of case-finding process for COVID-19 in different countries?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32922690	Iran
19	A fourteen-day experience with Coronavirus disease 2019 (COVID-19) induced acute respiratory distress syndrome (ARDS): an Iranian treatment protocol	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32922466	Iran
20	Thalidomide against Coronavirus disease 2019 (COVID-19): a medicine with a thousand faces	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32922463	Iran
21	The therapeutic potential of convalescent plasma therapy on treating critically-ill COVID-19 patients residing in respiratory care units in hospitals in Baghdad, Iraq	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32920571	Iraq
22	Impact of COVID-19 lockdown on NO ₂ , O ₃ , PM _{2.5} and PM ₁₀ concentrations and assessing air quality changes in Baghdad, Iraq	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32919315	Iraq
23	Sustainable development and its role in containing crises: Corona virus pandemic crisis (COVID-19) in China as a model	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32904918	Iraq

24	COVID-19 clinical outcomes and nationality: results from a nationwide registry in Kuwait	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32912230	Kuwait
25	Point-of-care ultrasound can suggest COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32908843	Kuwait
26	Macrophage responses associated with COVID-19: a pharmacological perspective	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32919938	Lebanon
27	In situ simulation: an essential tool for safe preparedness for the COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32910106	Lebanon
28	COVID-19: second wave or multiple peaks, natural herd immunity or vaccine-we should be prepared	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32907693	Lebanon
29	Bioethical considerations for cancer patients care during the COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32903047	Lebanon
30	Global dynamics of a multi-strain SEIR epidemic model with general incidence rates: application to COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32921921	Morocco
31	Systemic lupus erythematosus and varicella-like rash following COVID-19 in a previously healthy patient	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32926434	Morocco
32	Strategic design of precautionary measures for airport passengers in times of global health crisis Covid 19: parametric modelling and processing algorithms	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32921936	Morocco

33	CVDNet: a novel deep learning architecture for detection of coronavirus (Covid-19) from chest x-ray images	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32921934	Morocco
34	A commentary on "a comparative overview of COVID-19, MERS and SARS: review article" (International Journal of Surgery 2020; 81:1-8)	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32927142	Pakistan
35	New insight on possible vaccine development against SARS-CoV-2	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32926920	Pakistan
36	The COVID-19 pandemic threatens the expanded program on immunization: recommendations for sustaining vaccination goals	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32921974	Pakistan
37	Chest computed tomography findings in hospitalized COVID-19 patients: a systematic review and meta-analysis	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32920564	Pakistan
38	Acute flaccid myelitis in COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32922857	Qatar
39	Vaccine development against COVID-19 prior to pandemic outbreaks, using in vitro evolution and reverse genetics	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32922408	Qatar
40	Tongue reconstruction post partial glossectomy during the COVID-19 pandemic. a case report	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32922769	Saudi Arabia, Egypt

41	Knowledge and practice regarding prevention of COVID-19 among the Saudi Arabian population	https://pubmed.ncbi.nlm.nih.gov/32925138/	Saudi Arabia
42	Episcleritis as a possible presenting sign of the novel coronavirus disease: a case report	https://pubmed.ncbi.nlm.nih.gov/32923742/	Saudi Arabia
43	Geometric architecture of viruses	https://pubmed.ncbi.nlm.nih.gov/32923381/	Saudi Arabia
44	COVID-19 in Somalia: adherence to preventive measures and evolution of the disease burden	https://pubmed.ncbi.nlm.nih.gov/32899931/	Somalia
45	Convalescent plasma as a treatment modality for coronavirus disease 2019 in Sudan	https://pubmed.ncbi.nlm.nih.gov/32900597/	Sudan
46	Thrombotic events following tocilizumab therapy in critically ill COVID-19 patients: a façade for prognostic markers	https://pubmed.ncbi.nlm.nih.gov/32922212/	United Arab Emirates, Bahrain
47	C-C chemokine receptor type 5 links COVID-19, rheumatoid arthritis, and hydroxychloroquine: in silico analysis	https://pubmed.ncbi.nlm.nih.gov/32923679/	United Arab Emirates, Oman

Reliable Websites to get Coronavirus updates



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

New Findings

[Study: Kids infected at day care spread coronavirus at home](#)

Children who caught the coronavirus at day cares and a day camp spread it to their relatives, according to a new report that underscores that kids can bring the germ home and infect others.

[Trial drug can significantly block early stages of COVID-19 in engineered human tissues](#)

An international team has found a trial drug that effectively blocks the cellular door SARS-CoV-2 uses to infect its hosts.

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