

Eastern Mediterranean Health Genomics & Biotechnology Network



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EMGEN newsletter (Special Issue-12 on Covid-19)

Number 3-84, July, 2020

Corona Virus Research and EMRO countries

<i>Row</i>	<i>Article</i>	<i>link</i>	<i>Country</i>
1	Do not forget Afghanistan in times of COVID-19: telemedicine and the internet of things to strengthen planetary health systems	https://pubmed.ncbi.nlm.nih.gov/32324451/	Afghanistan
2	The examination of sleep quality for frontline	https://pubmed.ncbi.nlm.nih.gov/32324451/	Bahrain

	healthcare workers during the outbreak of COVID-19	/32592021	
3	Could COVID-19 improve psychiatric awareness at the heart of the Middle East? - a personal reflection on Bahrain's response	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32484123	Bahrain
4	A focused review on the genital and sexual affection of COVID-19 patients	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32619728	Egypt
5	Coronavirus disease 2019 myocarditis: insights into pathophysiology and management	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32617120	Egypt
6	Melatonin is a potential adjuvant to improve clinical outcomes in individuals with obesity and diabetes with coexistence of Covid-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32615182	Egypt
7	The COVID-19 cytokine storm; what we know so far	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32612617	Egypt
8	Microbial natural products as potential inhibitors of SARS-CoV-2 main protease (Mpro)	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32610445	Egypt
9	COVID-19. an update for orthopedic surgeons	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32609085	Egypt

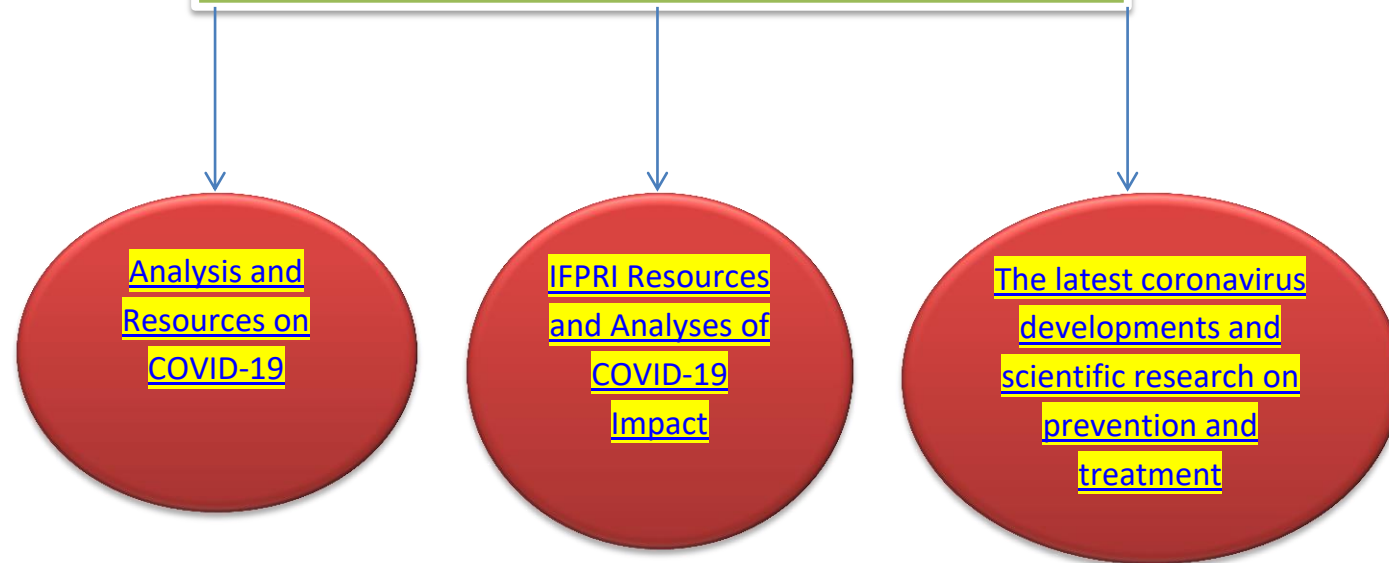
10	Does early childhood vaccination protect against COVID-19?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32582766	Iraq
11	The Nrf2 Activator (DMF) and Covid-19: Is there a Possible Role?	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7296400	Iraq
12	COVID-19 and mental health: An Iranian perspective	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32619838	Iran
13	Chest-CT findings of COVID-19 in patients with pre-existing malignancies; a pictorial review	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32619773	Iran
14	Low dose radiation as a treatment for COVID-19 pneumonia: a threat or real opportunity?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32619276	Iran
15	COVID-19 and orthopaedic surgery: experiences from Iran	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32618911	Iran
16	Guillain-barré syndrome as a neurological complication of novel COVID-19 infection: a case report and review of the literature	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32618839	Iran
17	Short and long term impacts of COVID-19 on the pharmaceutical sector	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32617864	Iran

18	Knowledge and information sources about COVID-19 among university students in Jordan: a cross-sectional study	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7274134	Jordan
19	Spatiotemporal dynamics of COVID-19 epidemic in the State of Kuwait	https://pubmed.ncbi.nlm.nih.gov/32619761/	Kuwait
20	The role of asymptomatic class, quarantine and isolation in the transmission of COVID-19	https://pubmed.ncbi.nlm.nih.gov/32498655/	Kuwait
21	COVID-19 and the male susceptibility: the role of ACE2, TMPRSS2 and the androgen receptor	https://pubmed.ncbi.nlm.nih.gov/32620366/	Lebanon
22	Mesenchymal stem cells in the fight against viruses: Face to face with the invisible enemy	https://pubmed.ncbi.nlm.nih.gov/32616467/	Lebanon
23	Modelling the epidemic spread of COVID-19 virus infection in Northern African countries	https://pubmed.ncbi.nlm.nih.gov/32304743/	Libya
24	Complete genome sequence of a 2019 novel Coronavirus (SARS-CoV-2) strain causing a COVID-19 case in Morocco	https://pubmed.ncbi.nlm.nih.gov/32616647/	Morocco
25	How has the COVID-19 pandemic improved evidence-based-medicine awareness among undergraduate medical students?	https://pubmed.ncbi.nlm.nih.gov/32594862/	Morocco

26	Organization of a radiotherapy service during the COVID-19 epidemic: experience of Regional Center of Oncology of Agadir, Morocco	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32586678	Morocco
27	Peripheral Blood Smear Findings in COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32586086	Morocco
28	Therapeutic plasma exchange in adults with severe COVID-19 infection	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32585284	Oman
29	Sleep quality among health care workers during the COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32515347	Oman
30	Maternal mental health amidst the COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32622030	Pakistan
31	Passive immunization: paradoxical and traditional method for new pandemic challenge COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32619190	Pakistan
32	Coronavirus Disease 2019 (COVID-19): Forecast of an Emerging Urgency in Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32617220	Pakistan
33	Impact of COVID-19 lockdown on routine immunization in Karachi, Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32615076	Pakistan
34	The incidence of the novel coronavirus SARS-CoV-2 among asymptomatic patients: a systematic review	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32623083	Qatar

35	Death in the ICU from COVID-19: more research on its effects on families needed	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32622466	Qatar
36	Controlling the spread of COVID-19 in Sudan with limited resources: a unique community-engaged approach	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32621495	Saudi Arabia
37	Indicators of critical illness and predictors of mortality in COVID-19 patients	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32617010	Saudi Arabia
38	COVID-19: Role of neutrophil extracellular traps in acute lung injury	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32611518	Saudi Arabia
39	Knowledge, attitudes, and practices of Sudanese residents towards COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32621498	Sudan
40	COVID-19 among healthcare workers	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32616110	Sudan
41	COVID-19 paraclinical diagnostic tools: Updates and future trends	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32576508	Syria
42	How Tunisians physicians of public health hospitals deal with COVID-19 pandemic? perceived stress and coping strategies.	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32592508	Tunisia
43	Psychiatric adverse events with hydroxychloroquine during COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32603983	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

[Newer variant of COVID-19-causing virus dominates global infections](#)

New research shows that a specific change in the SARS-CoV-2 coronavirus virus genome, previously associated with increased viral transmission and the spread of COVID-19, is more infectious in cell culture.

[Countries group into clusters as COVID-19 outbreak spreads](#)

Mathematicians have developed a method to analyze the large amount of data accumulated during the COVID-19 pandemic. The technique can identify anomalous countries -- those that are more successful than expected at responding to the pandemic and those that are particularly unsuccessful. The investigators analyzed the data with a variation of a statistical technique known as a cluster analysis.

EMGEN Secretariat:

Biotechnology Research Center, Department of Medical Biotechnology, Pasteur Institute of Iran (PII), No. 69, Pasteur Ave, Tehran, Iran.

Tel: +9821 64112444

Fax: +9821 66480780

E-mail: Emgen@pasteur.ac.ir