

Eastern Mediterranean Health Genomics & Biotechnology Network



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EMGEN newsletter (Special Issue-24 on Covid-19)

Number 3-97, Oct, 2020

Corona Virus Research and EMRO countries

<i>Row</i>	<i>Article</i>	<i>link</i>	<i>Country</i>
1	Progress toward poliomyelitis eradication - Afghanistan, January 2019-July 2020	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33031360	Afghanistan
2	Triage decisions in the context of COVID-19: old burden, new challenge-the structured	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33031360	Afghanistan

	approach for intensive care unit triage (SAINT) protocol	005928	
3	Coming together in the region to tackle COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047787	Egypt
4	Herpes zoster ophthalmicus in COVID-19 patients	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33040343	Egypt
5	Clean grinding technique: a facile synthesis and in silico antiviral activity of hydrazones, pyrazoles, and pyrazines bearing thiazole moiety against SARS-CoV-2 main protease (Mpro)	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33036293	Egypt, Saudi Arabia
6	Improving the safety of high-flow therapies in the management of patients with COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33036099	Egypt
7	COVID-19 effect on clinical research: single-site risk management experience	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33033698	Egypt
8	Corrigendum to "targeting neprilysin (NEP) pathways: a potential new hope to defeat COVID-19 ghost"	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33027739	Egypt
9	Clinical and angiographic characteristics of patients with STEMI and confirmed diagnosis	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33027739	Egypt

of COVID-19: an experience of Tanta University Hospital [025310](#)

10 Anticoagulation outcomes in hospitalized Covid-19 patients: a systematic review and meta-analysis of case-control and cohort studies <https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33022834> Egypt

11 A new approach for COVID-19 treatment by micro-RNA <https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33017912> Egypt

12 Impact of COVID-19 pandemic on young ophthalmologists in Cairo University hospitals <https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33017198> Egypt

13 Blood coagulation parameters in patients with severe COVID-19 from Kermanshah Province, Islamic Republic of Iran <https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047789> Iran

14 Models of maternity care for pregnant women during the COVID-19 pandemic <https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047788> Iran

15 Face masks vs. COVID-19: a systematic review <https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047556> Iran

16 Burnout and its influencing factors between frontline nurses and nurses from other wards during the outbreak of Coronavirus disease - COVID-19- in Iran <https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047546> Iran

17	Determination of COVID-19 prevalence with regards to age range of patients referring to the hospitals located in western Tehran, Iran	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047096	Iran
18	Country quarantine during COVID-19: critical or not?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33046176	Iran
19	Modelling propagation of COVID-19 in the UK	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33046171	Iran
20	Stem cell therapy: a promising approach in treatment of COVID 19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33045970	Iran
21	Tocilizumab for treatment patients with COVID-19: recommended medication for novel disease	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33045577	Iran
22	Cytokine profile and disease severity in patients with COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33045526	Iran
23	Azithromycin and Ambroxol as potential pharmacotherapy for ARS-CoV-2	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33045350	Iraq
24	The prevalence of gastrointestinal symptoms among patients with COVID-19 and the effect on the severity of the disease	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33043143	Iraq
25	Spontaneous pneumothorax as a complication in COVID-19 male patient: a case report	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33043143	Iraq

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26	Glycosylation, ligand binding sites and antigenic variations between membrane glycoprotein of COVID-19 and related coronaviruses	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33041736	Iraq
27	Issues associated with deploying CNN transfer learning to detect COVID-19 from chest X-rays	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33025386	Iraq
28	Effective anti-SARS-CoV-2 RNA dependent RNA polymerase drugs based on docking methods: the case of milbemycin, ivermectin, and baloxavir marboxil	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33014317	Iraq
29	Does COVID-19 change dietary habits and lifestyle behaviors in Kuwait: a community-based cross-sectional study	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33045996	Kuwait
30	The impact of the coronavirus disease of 2019 on research	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33007460	Kuwait
31	IVF laboratory COVID-19 pandemic response plan: a roadmap	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33046958	Lebanon, Jordan, Kuwait
32	COVID-19 in the Eastern Mediterranean Region: testing frequency, cumulative cases and mortality analysis	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047790	Lebanon
33	Seasonality of respiratory viral infections: will COVID-19 follow suit?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33	Lebanon, Qatar

		042956	
34	Lebanese healthcare system: how will the aftermath look?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33042708	Lebanon
35	COVID-19 in children: could pertussis vaccine play the protective role?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33032174	Lebanon
36	Mental health of surgeons during the COVID-19 pandemic: an urgent need for intervention	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33008611	Libya
37	Predictors of severity in Covid-19 patients in Casablanca, Morocco	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33033687	Morocco
38	In silico exploration of small-molecule α -helix mimetics as inhibitors of SARS-COV-2 attachment to ACE2	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33023417	Morocco
39	Factors associated with mental health outcomes across healthcare settings in Oman during COVID-19: frontline versus non-frontline healthcare workers	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33040019	Oman
40	Characteristic of healthcare workers infected with COVID-19, a cross-sectional observational study	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33039607	Oman
41	Debate: COVID-19 and school mental health in Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33049109	Pakistan
42	Preparedness of the healthcare personnel against	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33	Pakistan

	the Coronavirus disease 2019 (COVID-19) outbreak: an audit cycle	042944	
43	Self-medication during Covid-19 pandemic: challenges and opportunities	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33041621	Pakistan
44	Impact of COVID-19 pandemic on measles surveillance in Pakistan	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33039503	Pakistan
45	Severity of disease from COVID-19 in Patients with obesity and MAFLD: is there an association?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33036669	Pakistan
46	Acute care surgery fellowship program acclimatization to the COVID-19 pandemic: experience from Qatar	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047838	Qatar
47	Letter to the editor: experience of endoscopic intra-gastric balloons removal during COVID-19 pandemic in 98 patients	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047294	Qatar
48	Right atrial thrombus in transient in a COVID-19 patient: clinical echocardiographic features-case report and literature review	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047098	Qatar
49	A case of fulminant liver failure in a 24-Year-old man with coinfection with hepatitis B virus and SARS-CoV-2	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33046686	Qatar
50	Epidemiology of COVID-19 in the Kingdom of Saudi Arabia: an ecological study	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33	Saudi Arabia, Jordan,

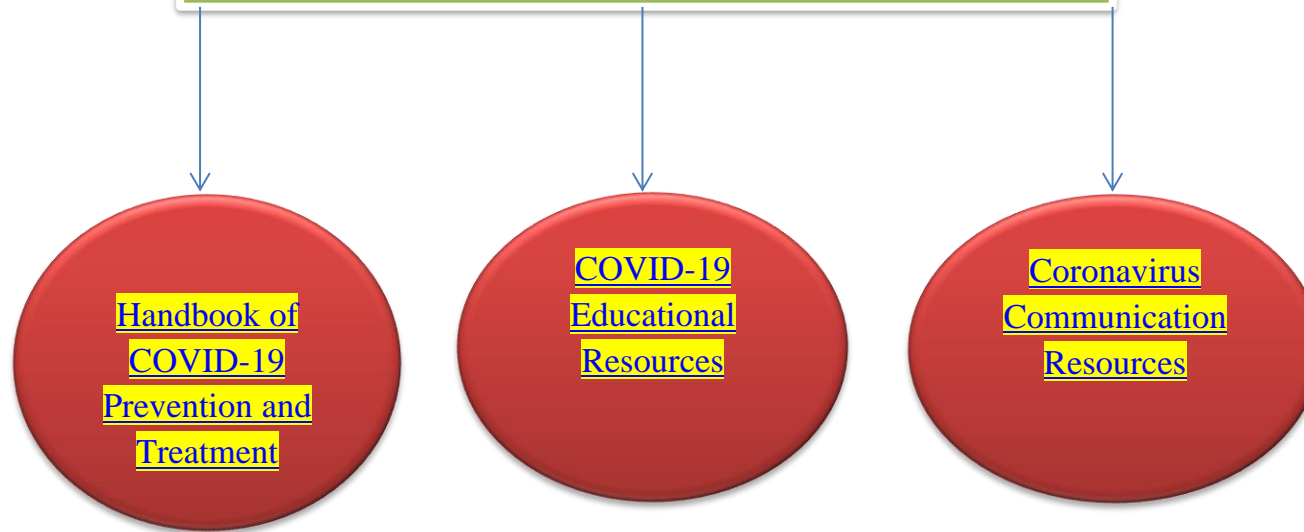
		042946	Egypt
51	Prevalence and predictors of anxiety among healthcare workers in Saudi Arabia during the COVID-19 pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33032969	Saudi Arabia, Lebanon
52	Cytokine storm in COVID-19 patients, its impact on organs and potential treatment by QTY code-designed detergent-free chemokine receptors	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33029105	Somalia
53	Addressing Africa's pandemic puzzle: perspectives on COVID-19 infection and mortality in sub-Saharan Africa	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33010461	Sudan
54	Educational perspective for the identification of essential competencies required for approaching patients with COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33047791	Syria
55	Puzzling out the COVID-19: therapy targeting HLA-G and HLA-E	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33046268	Tunisia
56	Chest CT-scan finding of asymptomatic COVID-19 pneumonia: a prospective 542 patients' single center study	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33014253	Tunisia
57	A practical approach to the management of colorectal cancer during the COVID-19 crisis in the reference cancer treatment center in Tunisia	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32990193	Tunisia
58	Coronaviruses in farm animals: epidemiology	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32	Tunisia

and public health implications [976707](#)

59 Contribution to COVID-19 spread modeling: a physical phenomenological dissipative formalism <https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32975714> Tunisia

60 Evaluation of telepharmacy services in light of COVID-19 <https://pmlegacy.ncbi.nlm.nih.gov/pubmed/33030986> United Arab Emirates, Egypt, Jordan

Reliable Websites to get Coronavirus updates



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

New Findings

[Pinpointing the 'silent' mutations that gave the coronavirus an evolutionary edge](#)

We know that the coronavirus behind the COVID-19 crisis lived harmlessly in bats and other wildlife before it jumped the species barrier and spilled over to humans.

[Covid-19 news: Remdesivir has little effect on survival, finds WHO](#)

The Ebola drug remdesivir offers little benefit for covid-19 cases, a WHO study has found

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