

Eastern Mediterranean Health Genomics & Biotechnology Network



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EMGEN newsletter (Special Issue-9 on Covid-19)

Number 3-81, June, 2020

Corona Virus Research and EMRO countries

Row	Article	link	Country
1	Influence of NAD ⁺ as an ageing-related immunomodulator on COVID 19 infection: a hypothesis	https://www.sciencedirect.com/science/article/pii/S1876034120304986	Bahrain
2	Should aspirin be used for prophylaxis of COVID-19-induced coagulopathy?	https://www.sciencedirect.com/science/article/abs/p	Egypt

[ii/S0306987720312408](https://www.sciencedirect.com/science/article/pii/S0306987720312408)

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| 3 | Could injured skin be a reservoir for SARS-COV2 virus spread? | https://www.sciencedirect.com/science/article/pii/S0306987720312408 | Egypt |
| 4 | COVID-19 presenting as acute pancreatitis: Lessons from a patient in Iran | https://www.sciencedirect.com/science/article/pii/S1424390320301964 | Iran |
| 5 | A Syndemic of COVID-19 and methanol poisoning in Iran: time for Iran to consider alcohol use as a public health challenge? | https://www.sciencedirect.com/science/article/pii/S0741832920302391 | Iran |
| 6 | COVID-19 cytokine storm: the anger of inflammation | https://www.sciencedirect.com/science/article/pii/S1043466620301678 | Iran |
| 7 | Pharmacotherapy for reducing saliva and droplet production in airborne procedures may help to decrease the COVID-19 transmission: a hypothesis | https://www.sciencedirect.com/science/article/pii/S0306987720309956 | Iran |
| 8 | Isolated severe thrombocytopenia in a patient with COVID-19: a case report | https://www.sciencedirect.com/science/article/pii/S214250920301281 | Iran |
| 9 | Association of COVID-19 global distribution and environmental and demographic factors: an updated three-month study | https://www.sciencedirect.com/science/article/pii/S013935120306411 | Iran |
| 10 | Chest-CT findings of COVID-19 in patients with pre-existing malignancies; a pictorial review | https://www.sciencedirect.com/science/article/pii/S0899707120302084 | Iran |

11	The immune system and COVID-19: Friend or foe?	https://www.sciencedirect.com/science/article/pii/S0024320520306500	Iran
12	Subcutaneous administration of Interferon beta-1a for COVID-19: a non-controlled prospective trial	https://www.sciencedirect.com/science/article/pii/S1567576920312893	Iran
13	Considerations for interactions of drugs used for the treatment of COVID-19 with anti-cancer treatments	https://www.sciencedirect.com/science/article/pii/S1040842820301207	Iran
14	Oral saliva and COVID-19	https://www.sciencedirect.com/science/article/pii/S1368837520302578	Iran
15	What dentists need to know about COVID-19	https://www.sciencedirect.com/science/article/pii/S1368837520301779	Iran
16	A mathematical model of the evolution and spread of pathogenic coronaviruses from natural host to human host	https://www.sciencedirect.com/science/article/pii/S0960077920303301	Kuwait
17	A large number of COVID-19 interventional clinical trials were registered soon after the pandemic onset: a descriptive analysis	https://www.sciencedirect.com/science/article/pii/S0895435620304418	Lebanon
18	Discrepancy in reports of COVID-19 onset of symptoms: is faulty data being collected?	https://www.sciencedirect.com/science/article/pii/S198743X20303384	Lebanon
19	The COVID-19 pandemic in Africa: what can we expect?	https://www.sciencedirect.com/science/article/pii/S212109920300364	Morocco

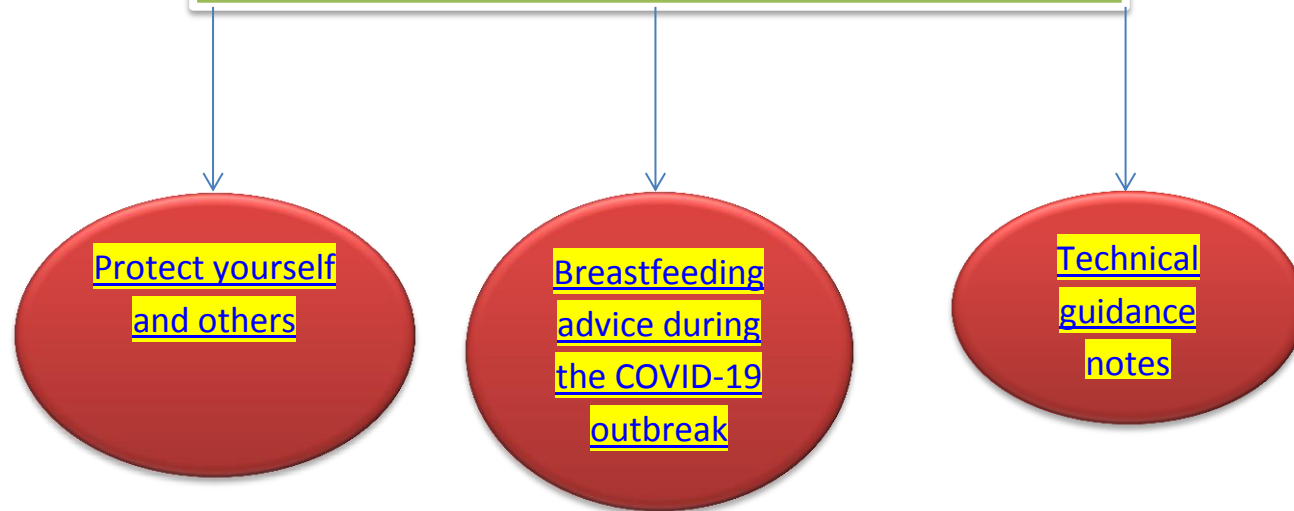
20	Is there a link between endocrine disruptors and COVID-19 severe pneumonia?	https://www.sciencedirect.com/science/article/pii/S0147956320302508	Morocco
21	Neuro-COVID-19: what are we talking about?	https://www.sciencedirect.com/science/article/pii/S035378720305889	Morocco
22	Fecal Calprotectin and RT-PCR from both nasopharyngeal swab and stool samples prior to treatment decision in IBD patients during CoVID-19 outbreak.	https://www.sciencedirect.com/science/article/pii/S1590865820302474	Morocco
23	COVID-19: the end of a story through the eyes of an emergency Practitioner	https://www.sciencedirect.com/science/article/pii/S0735675720304915	Morocco
24	Challenges amid COVID-19 times - review of the changing practices in a clinical chemistry laboratory from a developing country	https://www.sciencedirect.com/science/article/pii/S1473050220301397	Pakistan
25	COVID-19: healthy environmental impact for public safety and menaces oil market	https://www.sciencedirect.com/science/article/pii/S048969720335749	Pakistan
26	Religious tourism and mass religious gatherings — the potential link in the spread of COVID-19. current perspective and future implications	https://www.sciencedirect.com/science/article/pii/S1477893920302763	Pakistan
27	Using the Kalman filter with ARIMA for the COVID-19 pandemic dataset of Pakistan	https://www.sciencedirect.com/science/article/pii/S2352340920307484	Pakistan
28	Impact of COVID-19 on surgical residency programs in Pakistan; a residents' perspective. Do programs need formal restructuring to adjust	https://www.sciencedirect.com/science/article/pii/S14743919120304866	Pakistan

with the “new normal”? a cross-sectional survey study

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| 29 | The effects of regional climatic condition on the spread of COVID-19 at global scale | https://www.sciencedirect.com/science/article/pii/S0048969720336214 | Pakistan |
| 30 | Clinical characteristics of COVID-19 in Saudi Arabia: a national retrospective study | https://www.sciencedirect.com/science/article/pii/S1876034120304925 | Saudi Arabia |
| 31 | Impact of COVID-19 on orthopedic surgery: experience from Saudi Arabia | https://www.sciencedirect.com/science/article/pii/S2049080120301461 | Saudi Arabia |
| 32 | Novel Corona virus disease infection in Tunisia: mathematical model and the impact of the quarantine strategy | https://www.sciencedirect.com/science/article/pii/S0960077920303684 | Tunisia |
| 33 | Ecotoxic response of nematodes to ivermectin, a potential anti-COVID-19 drug treatment | https://www.sciencedirect.com/science/article/pii/S0025326X20304938 | Tunisia |
| 34 | A home hospitalization system based on the Internet of things, Fog computing and cloud computing | https://www.sciencedirect.com/science/article/pii/S2352914820302860 | Tunisia |
| 35 | Cardiovascular medications and regulation of COVID-19 receptors expression | https://www.sciencedirect.com/science/article/pii/S2590086220300112 | United Arab Emirates |
| 36 | Clinical characteristics and outcomes of COVID-19 hospitalized patients with diabetes in UK: a retrospective single centre study | https://www.sciencedirect.com/science/article/pii/S0168822720305131 | United Arab Emirates |

37	A hypothesis about the role of fetal hemoglobin in COVID-19	https://www.sciencedirect.com/science/article/abs/pii/S030698772031241X	United Arab Emirates
38	Epidemiology, genome, and clinical features of the pandemic SARS-CoV-2: a recent view	https://www.sciencedirect.com/science/article/pii/S205229752030024X	Yemen

Reliable Websites to get Coronavirus updates



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

New Findings

[Which COVID-19 models should we use to make policy decisions?](#)

A new process to harness multiple disease models for outbreak management has been developed by an international team of researchers. The team will immediately implement the process to help inform policy decisions for the COVID-19 outbreak.

[Urban slums are uniquely vulnerable to COVID-19: Here's how to help](#)

Government-enforced social isolation can be devastating for the nearly 1 billion people around the globe currently dwelling in urban slums, where physical space is scarce and many rely on daily wage labor for survival. A new report, authored by a team of public health experts and epidemiologists working in collaboration with community leaders and non-governmental organizations, provides eight urgent recommendations for reducing the impact of COVID-19 on people living in poverty.

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