

Eastern Mediterranean Health Genomics & Biotechnology Network



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EMGEN newsletter (Special Issue-11on Covid-19)

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Corona Virus Research and EMRO countries

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2	COVID-19: the current situation in Afghanistan	https://pubmed.ncbi.nlm.nih.gov/32247327	Afghanistan

3	Influence of NAD+ as an ageing-related immunomodulator on COVID 19 infection: a hypothesis	https://pubmed.ncbi.nlm.nih.gov/32534944	Bahrain
4	Last haircut in Amwaj: COVID-19 in Bahrain	https://pubmed.ncbi.nlm.nih.gov/32467206	Bahrain
5	Testing recommendation for COVID-19 (SARS-CoV-2) in patients planned for surgery - continuing the service and 'suppressing' the pandemic	https://pubmed.ncbi.nlm.nih.gov/32307131	Bahrain
6	Can artificial intelligence and internet be the solution to prevent the exponential spread of COVID-19?	https://pubmed.ncbi.nlm.nih.gov/32584780	Egypt
7	Letter regarding [high rates of 30-day mortality in patients with cirrhosis and COVID-19]	https://pubmed.ncbi.nlm.nih.gov/32574577	Egypt
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9	COVID-19 in Egypt: uncovered figures or a different situation?	https://pubmed.ncbi.nlm.nih.gov/32566159	Egypt
10	COVID-19 and the liver: overview.	https://pubmed.ncbi.nlm.nih.gov/32558697	Egypt

11	Known SARS-CoV-2 infections: the tip of an important iceberg	https://pubmed.ncbi.nlm.nih.gov/pubmed/32557774	Egypt
12	Herpes Zoster (shingles) complicating the course of COVID19 infection	https://pubmed.ncbi.nlm.nih.gov/pubmed/32543328	Egypt
13	COVID-19 and maternal pre-eclampsia; a synopsis	https://pubmed.ncbi.nlm.nih.gov/pubmed/32542883	Egypt
14	Cross-sectional study on awareness and knowledge of COVID-19 among senior pharmacy students	https://pubmed.ncbi.nlm.nih.gov/pubmed/32542552	Egypt
15	The role of palliative care during the coronavirus (COVID-19) pandemic	https://pubmed.ncbi.nlm.nih.gov/pubmed/32584691	Iran
16	A brief review of interplay between vitamin D and angiotensin-converting enzyme 2: implications for a potential treatment for COVID-19	https://pubmed.ncbi.nlm.nih.gov/pubmed/32584474	Iran
17	COVID-19-related strokes in adults below 55 years of age: a case series	https://pubmed.ncbi.nlm.nih.gov/pubmed/32583169	Iran
18	Knowledge, attitudes, risk perceptions, and practices of adults toward COVID-19: a population and field-based	https://pubmed.ncbi.nlm.nih.gov/pubmed/32583009	Iran

study from Iran

19	Isfahan COvid-19 registry (I-CORE): design and methodology	https://pubmed.ncbi.nlm.nih.gov/pubmed/32582338	Iran
20	Neutrophils, crucial, or harmful immune cells involved in Coronavirus infection: a bioinformatics study	https://pubmed.ncbi.nlm.nih.gov/pubmed/32582303	Iran
21	Ramadan fasting and risk of Covid-19	https://pubmed.ncbi.nlm.nih.gov/pubmed/32577190	Iran
22	COVID-19 presenting as acute pancreatitis: lessons from a patient in Iran	https://pubmed.ncbi.nlm.nih.gov/pubmed/32576441	Iran
23	The Nrf2 Activator (DMF) and Covid-19: is there a possible role?	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7296400	Iraq
24	Role of biological data mining and machine learning techniques in detecting and diagnosing the novel Coronavirus (COVID-19): a systematic review	https://pubmed.ncbi.nlm.nih.gov/pubmed/32451808	Iraq
25	The basic reproduction number of SARS-CoV-2 in Wuhan is about to die out, how about the rest of the World?	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7267092	Iraq

26	COVID-19 outbreak in Iraqi Kurdistan: the first report characterizing epidemiological, clinical, laboratory, and radiological findings of the disease	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32408119	Iraq
27	Incidence of the COVID-19 in Iraq – implications for travelers	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7219363	Iraq
28	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://pmlegacy.ncbi.nlm.nih.gov/pubmed/32217506	Jordan
29	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
30	Could the D614G substitution in the SARS-CoV-2 spike (S) protein be associated with higher COVID-19 mortality?	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32464271	Kuwait
31	Transport of critically ill COVID-19 patients	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32451584	Kuwait
32	The role of lipid metabolism in COVID-19 virus infection and as a drug target	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7278986	Kuwait

33	Molecular insights into SARS COV-2 interaction with cardiovascular disease: role of RAAS and MAPK signaling	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7283382/	Lebanon
34	Geriatric mental health and COVID-19: an eye-opener to the situation of the Arab countries in the Middle East and North Africa Region	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7233242/	Lebanon
35	Coronavirus disease (COVID-19) in the Middle East: a call for a unified response	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7248320/	Lebanon
36	Thalidomide-revisited: are COVID-19 patients going to be the latest victims of yet another theoretical drug-repurposing?	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7270289/	Lebanon
37	Assessment of healthcare workers' levels of preparedness and awareness regarding COVID-19 infection in low-resource settings	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32563273	Libya
38	Assessment of the preparedness of obstetrics and gynecology healthcare systems during the COVID-19 pandemic in Libya	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32538491	Libya

39	COVID-19 in Libya: fewer cases so far. any speculations?	https://pubmed.ncbi.nlm.nih.gov/pubmed/32466817	Libya
40	The world is waiting, use sequential analysis and get us the evidence-based treatment we need for COVID-19	https://pubmed.ncbi.nlm.nih.gov/pubmed/32459574	Libya
41	COVID-19 and civil war in Libya: the current situation	https://pubmed.ncbi.nlm.nih.gov/pubmed/32432976	Libya
42	A COVID-19 case in Libya acquired in Saudi Arabia	https://pubmed.ncbi.nlm.nih.gov/pubmed/32360409	Libya
43	Cancer management challenge in a developing country in COVID-19 pandemic: reflection of a group of Moroccan oncologists	https://pubmed.ncbi.nlm.nih.gov/pubmed/32583680	Morocco
44	Medical students' dilemma during the Covid-19 pandemic; between the will to help and the fear of contamination	https://pubmed.ncbi.nlm.nih.gov/pubmed/32578522	Morocco
45	<i>BRAF</i> -mutated metastatic colon cancers during COVID-19 pandemic	https://pubmed.ncbi.nlm.nih.gov/pubmed/32574135	Morocco
46	Impact of 3D printed medical equipment on the management of the Covid19 pandemic	https://pubmed.ncbi.nlm.nih.gov/pubmed/32567722	Morocco
47	Mitochondria and microbiota dysfunction in COVID-19	https://pubmed.ncbi.nlm.nih.gov/pubmed/32567722	Oman

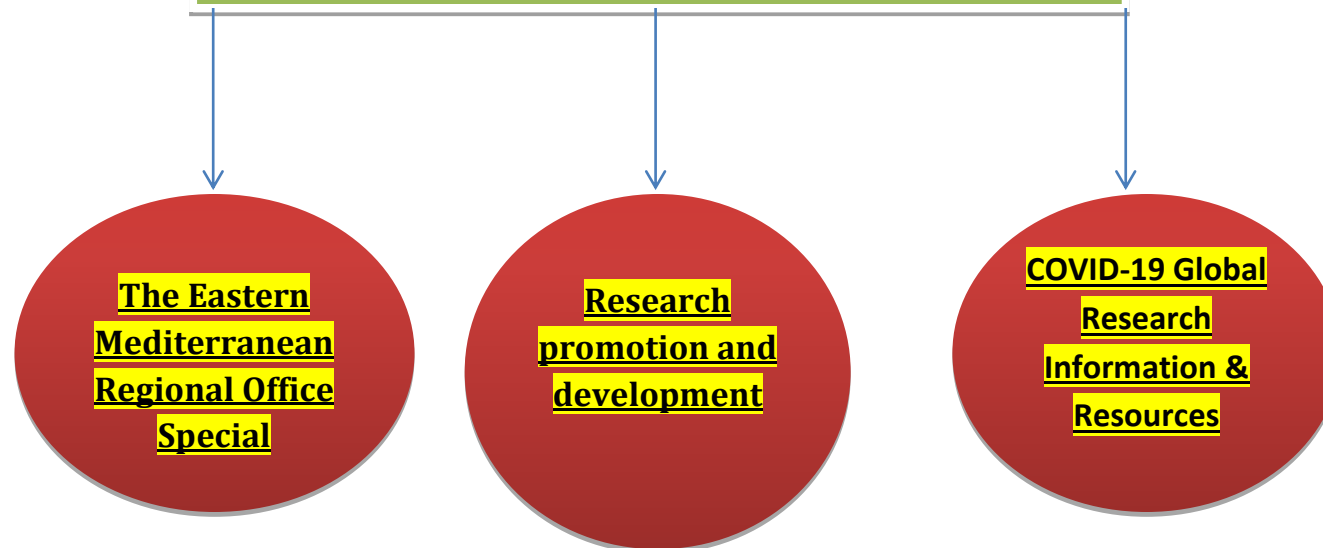
	pathogenesis	med/32574708	
48	Keeping an eye on COVID-19: an ophthalmologist's perspective	https://pubmed.ncbi.nlm.nih.gov/med/32549716	Oman
49	Clinical characteristics and outcomes of the first 63 adult patients hospitalized with COVID-19: an experience from Oman.	https://pubmed.ncbi.nlm.nih.gov/med/32546437	Oman
50	COVID-19 associated pulmonary aspergillosis (CAPA) in patients admitted with severe COVID-19 pneumonia: an observational study from Pakistan.	https://pubmed.ncbi.nlm.nih.gov/med/32585069	Pakistan
51	Novel SARS-CoV-2/COVID-19: origin, pathogenesis, genes and genetic variations, immune responses and phylogenetic analysis	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7295489	Pakistan
52	A quantitative and qualitative analysis of the COVID-19 pandemic model	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7247488/	Pakistan
53	The role of asymptomatic class, quarantine and isolation in the transmission of COVID-19	https://pubmed.ncbi.nlm.nih.gov/med/32498655	Pakistan

54	Early detection and assessment of Covid-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32582748	Pakistan
55	The use of Guedel airway for naso-oro-gastric tube insertion in patients with COVID-19. a way to minimize aerosol generation	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32582336	Pakistan
56	Covid-19: invisible, elusive and the advancing enemy	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32582334	Pakistan
57	Confirmed Coronavirus disease-19 (COVID-19) in a male with chronic myeloid leukemia complicated by febrile neutropenia and acute respiratory distress syndrome	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32547383	Qatar
58	The status surrounding chloroquine and other drugs as potential anti-infective agents for COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32525706	Qatar
59	Case report: COVID-19 masquerading as an acute surgical abdomen	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32524962	Qatar
60	Novel fractional order SIDARTHE mathematical model of COVID-19 pandemic	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7293538	Saudi Arabia
61	Position statement of transplant activity in the Middle East in era of COVID-19 pandemic	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7314330	Saudi Arabia

62	Cytokine blood filtration responses in COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32464624	Saudi Arabia
63	Broad beans (<i>Vicia faba</i>) and the potential to protect from COVID-19 coronavirus infection	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32528195	Saudi Arabia
64	The potential impacts of obesity on COVID-19	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32571783	Sudan
65	COVID-19 and lessons learned from the pandemic wave of meningococcal meningitis (1985-1990)	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32528206	Sudan
66	The Sudanese/British doctors who offered their lives fighting coronavirus (COVID-19) pandemic	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32528193	Sudan
67	Design of a multiepitope-based peptide vaccine against the E protein of human COVID-19: An immunoinformatics approach.	https://pmlegacy.ncbi.nlm.nih.gov/pubmed/32461973	Sudan
68	Fighting COVID-19, a place for artificial intelligence	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7283654	Sudan
69	A review of potential treatments to date in COVID-19 patients according to the stage of the disease	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7260520	Syria

70	Attitudes of health professionals towards the response to the COVID-19 pandemic in Maghreb	https://pubmed.ncbi.nlm.nih.gov/32548842/	Tunisia
71	COVID-19 and management of orthopedic emergencies. Producing a consensus of experts	https://pubmed.ncbi.nlm.nih.gov/32548837/	Tunisia
72	Tunisian recommendations for resumption of reproductive medicine activity in the Covid-19 pandemic	https://pubmed.ncbi.nlm.nih.gov/32548836/	Tunisia
73	Criminal medical liability in the context of Covid-19 pandemic	https://pubmed.ncbi.nlm.nih.gov/32548835/	Tunisia
74	Anticoagulation in COVID-19	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7197600/	United Arab Emirates
75	Health behaviour changes during COVID-19 and the potential consequences: a mini-review	https://pubmed.ncbi.nlm.nih.gov/32551944/	United Arab Emirates
76	COVID-19 induced hepatitis B virus reactivation: a novel case from the United Arab Emirates.	https://pubmed.ncbi.nlm.nih.gov/32550096/	United Arab Emirates
77	Fears of "highly catastrophic" COVID-19 spread in Yemen.	https://pubmed.ncbi.nlm.nih.gov/32473668/	Yemen

Reliable Websites to get Coronavirus updates



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

New Findings

CT provides best diagnosis for COVID-19

In a study of more than 1,000 patients published in the journal Radiology, chest CT outperformed lab testing in the diagnosis of 2019 novel coronavirus disease (COVID-19). The researchers concluded that CT should be used as the primary screening tool for COVID-19.

Loss of smell and taste validated as COVID-19 symptoms in patients with high recovery rate

Researchers have published the first empirical findings that strongly associate sensory loss and COVID-19, the respiratory disease caused by the novel coronavirus.

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