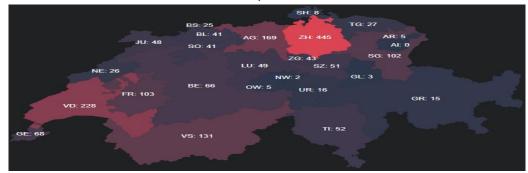
## Coronavirus Disease – COVID-19 10.07.2020

- The death toll from the coronavirus outbreak is over 559,143 worldwide, with the highest number of deaths in USA (136,024) and Brazil (69,316). There have been more than 12,478,294 global cases in 210 countries and territories.
- The WHO warned that the pandemic was accelerating and noted that infections have doubled in the last six weeks to more than 12 million. It is also setting up an independent panel to review its response to the outbreak.
- The WHO has acknowledged there is "emergin evidence" that Covid-19 could be spread through particles in the air. Professor Benedetta Allegranzi, technical lead for infection prevention and control, said the possibility of airborne transmission in "crowded, closed, poorly ventilated" settings could not be ruled out. Published in the Clinical Infectious Diseases journal, the letter's signatories call on health officials to update the current guidelines from the WHO to include measures which would mitigate the risk of airborne transmission. While hand washing and social distancing are appropriate, the signatories say they are "insufficient" in providing protection from "*virus-carrying respiratory microdroplets*" released into the air by those with Covid-19. According to the group, measures that should be taken include providing sufficient ventilation, to minimize recirculating air, and avoiding overcrowding, particularly on public transport. "The major way in which that this virus is transmitted is through droplets which come out when you cough, sneeze or even shout. But there does seem to be the possibility that very small particles containing virus can move further. It is certainly part of the puzzle. The key question is just how important is it," said Dr David Nabarro, a special envoy to the WHO on Covid-19.
- Basel scientists have confirmed that the malaria drug hydroxychloroquine and the HIV medication lopinavir do not work against Covid-19. The concentration of the two drugs in the lungs is not sufficient to fight the virus. The University of Basel and the University Hospital Basel started to monitor a range of diagnostic means and potential treatments for Covid 19, including the use of hydroxychloroquine and lopinavir/ritonavir. In particular, the research group investigated how the virus-induced inflammation affected the concentration of lopinavir and hydroxychloroquine in the blood. Scientists also worked out how high the concentration of both drugs must have been in the lungs - the main infected area for Covid-19. Results strongly suggested that it was unlikely that both drugs reached sufficient concentrations to inhibit the virus replication in the lung.
- Autopsies on people who died of the coronavirus are helping doctors understand how the disease affects the body -- and one of the most remarkable findings concerned blood clotting, a pathologist says. Some Covid-19 patients are known to develop blood clotting issues, but the degree and the extent to which that occurs was described as "dramatic" by Dr. Amy Rapkiewicz, the chairman of the department of pathology at NYU Langone Medical Center. In the early stages of the pandemic, bedside clinicians noticed a lot of blood clotting "in lines and various large vessels," she said. "What we saw at autopsy was sort of an extension of that. The clotting was not only in the large vessels but also in the smaller vessels. And this was dramatic, because though we might have expected it in the lungs, we found it in almost every organ that we looked at in our autopsy study," she said. Rapkiewicz's study outlining her findings was published at the end of June in The Lancet journal EClinicalMedicine.

Countries	<ul> <li>Deaths</li> </ul>	Cases	Recovered
USA	136,024	3,242,086	1,426,645
Brazil	69,316	1,762,263	1,185,596
UK	44,650	288,133	N/A
Italy	34,938	242,639	194,273
Mexico	33,526	282,283	172,230
France	29,979	170,094	78,170
Spain	28,401	300,136	N/A
India	22,122	818,647	513,503
Iran	12,447	252,720	215,015
Peru	11,314	316,448	207,802
Russia	11,017	713,936	489,068
Belgium	9,781	62,357	17,179
Germany	9,126	199,257	183,600
Canada	8,749	106,805	70,574
Chile	6,682	306,216	274,922
Netherlands	6,136	50,840	N/A
Sweden	5,500	74,333	N/A
Turkey	5,300	209,962	190,390
Ecuador	4,900	64,221	29,184
Pakistan	5,058	243,599	149,092
China	4,634	83,585	78,609
Colombia	4,714	133,973	56,272
	3,617	79,254	22,753
Egypt	3,469	72,347	33,529
Indonesia South Africa	3,469	238,339	113,061
Iraq	2,960	72,460	41,380
Bangladesh	2,275	178,443	86,406
Saudi Arabia	2,151	226,486	163,026
Switzerland	1,966	32,690	29,400
Romania	1,847	31,381	21,129
Ireland	1,743	25,565	23,364
	1,646	45,679	30,350
Portugal	1,749	90,693	38,984
Argentina Poland	1,562	37,216	26,048
	1,638	44,113	13,354
Bolivia	1,360	52,914	13,230
Philippines	1,345	52,914	24,800
Ukraine			
Japan Algeria	981	20,371	17,466
Guatemala	<u>988</u> 1,092	<u> </u>	12,637 3,797
Afghanistan	971	34,194	20,882
Dominican Republic	864	41,915	20,830
Panama	839	42,216	20,437
Austria	706	18,709	16,808
	689	30,748	12,546
Nigeria Honduras	704	26,384	2,779
Sudan	649	10,204	5.277
Denmark	609	10,204	12,077
Moldova	635	18,924	12,188
Hungary	593	4,223	2,941
Armenia	546	30,903	18,709
Belarus	454	64,604	54,254
Kuwait	383	53,580	43,214
Czechia	352	13,001	8,208
North Macedonia	368	7,777	3,960
Yemen	361	1,356	619
Israel	350	35,631	18,542
Finland	329	7,279	6,800
UAE	330	54,050	43,969
Serbia	370	17,728	13,651
Cameroon	359	14,916	11,525
S. Korea	288	13,338	12,065
Azerbaijan	292	22,990	14,093
Norway	252	8,968	8,138
Bulgaria	262	6,672	3,229
Morocco	243	15,194	11,705
El Salvador	249	9,142	5,428
Oman	244	53,614	34,225
Bosnia and Herzegovina	216	6,402	3,037
Greece	193	3,732	1,374
Kazakhstan	264	54,747	35,137
DRC	189	7,905	3,513
Kenya	181	9,448	

Oatar146102.830Maurtania144.7.248Maurtania114.7.248Malysia121.6.669Malysia122.2.570Haiti123.6.569Coztania131.6.572Slovenbourg110.4.777Australia130.6.573Slovenbourg110.4.777Australia.1.69.6.933Ethiopia122.9.359Ethiopia122.9.359Ethiopia.1.62.9.359Costania.1.62.9.359Costania.1.62.9.359Ethiopia.1.62.9.359Costania.1.62.9.359Costania.1.62.9.359Costania.1.62.9.359Costania.1.62.9.359Costania.1.62.9.359Costania.1.62.9.359Nicargua.9.12.9.359Venzuela.1.63.9.359Siorale.1.63.9.359Costania.1.69.9.359Costania.1.69.9.359Costania.1.69.9.359Siorale.1.69.9.359Siorale.1.69.9.359Costania.1.69.9.359Costania.1.69.9.359Costania.1.69.9.359Costania.1.69.9.359Costania.1.69.9.359Costania.1.69.9.359Costania.1		146	102,630	98,233
Gana1499.3.440Malaysia1228.666Mali1238.666Mali1306.532Croatia1173.532Slovenia1189.778Luxembourg1304.779Australia1669.939Ethiopia1206.673Bahrain1229.586Coba862.403Krigyztan1223.036Cuba862.403Kragua152.846Chad791.156Chad791.157Chad791.157Kragua602.033Korgua602.031Korgua601.079Storalia602.031Korgua603.071Korgua604.955Storalia634.955Korgua644.955Korgua634.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Korgua644.955Ko		145	7,882	5,311
Nalaysia1718.6%Mali1209.370Hait1306.367Coatia1170.3532Sovenia1111.7%Luxembourg1109.777Australia1069.369Ethiopia1200.6372Bahrain1089.368Coba669.368Somalia929.368Coba669.378Coba669.378Somalia929.368Coba669.378Unaragua912.446Albania791.150Chad746.873Unaragua919.372Sterra Leone651.057Venezuela681.057Venezuela681.057Venezuela681.057Sterra Leone651.598Thailand564.655Dipbouti564.655Equatorial Guinea513.071Chanel Islands673.071Congo646.771Congo671.021South Sudan383.071Liberia634.061Liberia633.071Congo646.871Congo671.021South Sudan383.071Liberia634.061Liberia634.061Liberia645.671Congo645.671C		144	5,126	2,026
Nali1202.370Hait1300.937Croatia1110.735Stovenia11310.735Luxembourg1100.777Luxembourg1100.779Luxembourg1100.779Australia1000.535Ethiopia1200.535Ethiopia1220.368Kyrgystan1220.368Cuba0.6670.677Kyrgystan1220.368Cuba0.6670.786Kocragua0.790.7861Nicaragua0.790.7861Nicaragua0.790.7861Nicaragua0.790.797Estonia0.690.703Niger0.680.707Venzcuela0.690.703Sierra Leone0.80.320Dijbout0.60.837Tajliktan0.490.6430Difbout0.60.703Cada0.720.77Tunisa0.700.77Cango0.740.73Cada0.720.77Corgo0.770.77Corgo0.770.77Corgo0.770.77Cada0.720.77Corgo0.770.77Corgo0.770.77Corgo0.770.77Corgo0.770.77Corgo0.770.770Corgo0.770.770Corgo0.770.770		129	23,463	18,622
nutti         140         6.582           Croatia         117         .6.532           Siovenia         113         .7.73           Siovenia         110         .4.777           Australia         106         .9.59           Ethiopia         122         .9.388           Krigyzistan         .222         .9.388           Sovenia         .22         .9.388           Krigyzistan         .222         .9.388           Soutia         .665         .2.403           Nicaragua         .65         .2.403           Nicaragua         .65         .2.403           Nicaragua         .66         .2.033           Veroy Coast         .77         .1.56           Veroy Coast         .77         .1.750           Veroy Coast <td></td> <td></td> <td>-</td> <td>8,511</td>			-	8,511
Croatia1175352Croatia1111.779Luxembourg1104.777Luxembourg1104.777Australia1006.739Ethiopia1006.739Bahrain1003.758Kyrgystan1223.88Cuba662.403Koragua912.7846Abania783.787Ithuania791.861Ivory Coast791.861Vory Coast791.750Sierra Leone680.037Venzuela683.788Sierra Leone681.037Uibouti664.837Dibouti683.037Sierra Leone631.598Tailand584.840Jistan591.602Burkina Paso531.005Andora524.200Chand47577Congo471.621Congo471.621Congo471.621Ubevia631.649Uubevia643.831Uubevia631.649Uubevia641.827Congo471.621Congo471.621Uubevia631.649Uubevia641.821Uubevia631.649Uubevia641.821Congo471.621Congo471.621Uubevia<				1,621
storenia         111         1,743           Luxembourg         110         4,777           Australia         100         6,773           Australia         102         6,773           Bahrain         102         6,773           Samalia         022         0,358           Somalia         022         0,358           Cuba         66         2,403           Nicaragua         011         2,763           Abbania         679         1,750           Cuba         66         2,403           Nicaragua         69         2,721           Storia         79         1,861           Vergy coast         79         1,750           Vergy coast         69         2,033           Vergy coast         69         3,007           Vergy coast         63         3,007           Vergy coast         63         3,007           Storia         63         3,007           Djbout         66         4,030           Distria         73         1,005           Jarria         63         3,007           Libida         64         4,011			-	2,459
Luxembourg         110         4,77           Australia         100         6,359           Ehhopia         120         6,359           Bahrain         103         3,528           Krigyztan         122         3,538           Somalia         90         3,638           Cuba         66         2,635           Nicaragua         101         2,866           Nicaragua         101         2,866           Nicaragua         101         2,866           Nicaragua         101         2,866           Unvor Coast         79         1,813           Unvor Coast         79         1,813           Unvor Coast         79         1,720           Chad         24         873           Venezuela         80         1,037           Sierra leone         63         1,538           Thalland         56         4,035           Dibouti         56         4,040           Burkina Faso         53         1,055           Audorra         52         855           Equatorial Guinea         51         3,074           Tunisia         50         1,240     <				2,377
Australiano         106         9.499           Ethopia         106         9.459           Bahrain         103         9.1528           Kyrgyzstan         122         3358           Cuba         66         2.003           Nicaragua         91         2.846           Albania         68         3.278           Uthuania         79         1.1750           Vicoragua         68         3.073           Niger         666         1.007           Venzuela         80         8.372           Storia         79         1.1750           Venzuela         80         3.0107           Venzuela         80         3.321           Storia         69         3.0107           Venzuela         80         3.321           Dibouti         56         4.435           Dibouti         50         1.240           Dibouti         50         1.240           Dibo				1,429
Ethiopia1206.979Bahrain1209.358Kyrgystan1229.358Somalia223.048Cuba662.403Nicaragua912.806Nicaragua912.806Unania701.801Unania701.801Unania701.801Unania701.801Unania701.801Storia701.801Venezuela808.322Sierra leone631.598Tailaind564.935Jiglistan546.410Burkina Faso531.005Andorra52885Equatorial Guinea513.071Unsia501.240Channel Islands47577Gabon482.021Ubekitan331.105South Sudan382.021Ubekitan531.1837Lebanon645.871Congo471.821South Sudan382.021Ubekitan531.1857Lebanon564.939South Sudan381.342Unbekitan531.1857Lebanon564.943South Sudan381.342Ubekitan531.1857Lebanon564.943South Sudan381.342South Sudan381.342Unguay29			-	4,086
Bahrain         103         31,538           Somalia         122         9,336           Cuba         66         2,403           Cuba         61         2,806           Cuba         63         3,276           Lithuania         79         1,170           Vory Coast         79         1,175           Chad         74         6,373           Vory Coast         79         1,170           Chad         74         6,373           Storia         66         1,007           Venezuela         66         1,007           Venezuela         63         1,506           Storia         6,64         3,027           Venezuela         63         1,005           Storia         6,64         3,027           Venezuela         30         1,005           Andora         52         4,200           Congo         53         1,005           Andora         52         4,200           Congo         64         5,871           Congo         647         5,871           Congo         647         6,914           South Suda         <				2,430
Nygystan         122         9.384           Somalia         22         3.044           Cuba         66         2.403           Nicaragua         61         2.403           Nicaragua         62         3.044           Abania         62         3.274           Uthuania         63         3.278           Uthyania         66         3.273           Uthyania         69         2.013           Niger         68         1.097           Venezuela         60         3.372           Sierra leone         63         3.598           Thailand         58         3.202           Djibouti         56         4.959           Tagikistan         54         6.440           Burkina Faso         53         1.005           Andorra         52         855           Equatorial Guinea         51         3.011           Tunisia         50         1.240           CAR         52         4.50           Gabon         46         5.871           Congo         4.7         1.821           South Sudan         58         1.649 <t< td=""><td></td><td></td><td>-</td><td>2,430</td></t<>			-	2,430
Addition         92         3.048           Cuba         66         2.403           Cuba         61         2.846           Albania         85         3.278           Lithuania         79         1.1801           Ivory Coast         79         1.1750           Chad         74         873           Estonia         66         1.097           Venezuela         80         8.322           Sirra Leone         63         1.598           Thailand         58         4.955           Sirra Leone         63         1.598           Thailand         58         4.955           Djibouti         58         4.955           Cata         3001         1.005           Andora         32         4.00           Andora         32         4.00           CAR         52         4.20           Congo         47         7.97           Gabon         46         5.871           Congo         47         9.831           Ubria         53         1.664           Ubria         53         1.664           Ubria         53				3,134
Cuba862.403Nicaragua912.866Albania863.278Lithuania793.161Urory Cost791.179Chad792.013Stornia692.013Niger681.007Venezuela808.372Sierra Leone633.022Dibouti564.955Sierra Leone633.022Dibouti564.955Sura Leone531.005Andora52855Equatorial Guinea513.071Tunisia501.220Congo473.871Congo473.871Congo473.871Congo473.871Congo473.871Congo473.871Congo473.871Congo473.871Congo473.871Congo473.871Congo473.871Congo473.871Congo473.871Congo483.001Congo493.871Congo493.871Congo493.871Congo493.871Congo493.871Congo473.871Congo473.871Congo473.871Congo483.872Congo493.871Congo </td <td></td> <td></td> <td></td> <td>1,209</td>				1,209
Nicaragua         91         2.846           Albania         35         3.278           Lithuania         79         1.166           Ivory Coast         79         1.176           Chad         74         873           Estonia         69         2.013           Niger         66         1.097           Venezuela         80         3.372           Sterra Leone         63         1.158           Thailand         38         3.302           Dijbout         56         4.955           Tajikistan         54         6.40           Burkina Faso         53         1.005           Andora         2         853           Equatorial Guinea         31         3.02           Tunisia         30         1.240           CAR         52         4.300           Channel Islands         47         577           Gabon         48         2.021           Congo         47         1.823           San Marino         38         2.021           Uberia         79         983           Uzbekistan         33         1.187				2,244
Abania         35         3.278           Lihuania         79         1.375           Lihuania         79         1.1750           Vory Coast         79         2.013           Chad         74         8.73           Estonia         69         2.013           Niger         68         1.009           Venezuela         80         8.372           Siera Leone         63         3.4398           Thailand         58         3.202           Djibouti         56         4.955           Siera Leone         63         3.002           Djibouti         56         4.955           Equatorial Guinea         31         3.007           Tunisia         50         1.3274           Congo         47         7.977           Caban         64         5.871           Congo         47         3.977           Congo         47         3.921           South Sudan         38         2.021           Liberia         47         3.931           Logita         53         1.1457           Lebanon         36         2.021           Ma			-	1,993
Lithuania         9         1.481           Vory Coast         79         11,750           Chad         74         873           Estonia         68         2.013           Niger         68         1.097           Venezuela         80         8.372           Sterra Leone         63         1.598           Thailand         58         3.202           Dijbouti         56         4.355           Tajikistan         54         6.400           Burkina Faso         53         1.005           Andorra         52         .855           Equatorial Guinea         51         3.071           Tunisia         50         1.240           CAR         52         4.300           Channel Islands         47         577           Gabon         46         5.871           Congo         47         1.821           San Marino         42         699           South Sudan         38         2.021           Liberia         47         363           Liberia         53         1.1457           Lebanon         56         2.011				1,875
Nory Cost         9         11.750           Chad         74         873           Estonia         69         2.013           Niger         68         1.097           Venezuela         80         8.372           Siera Leone         63         1.598           Thailand         58         3.202           Djibouti         56         4.335           Djibouti         56         4.335           Burkina Faso         53         1.005           Andorra         22         853           Equatorial Guinea         51         3.071           Tunisia         50         1.240           CAR         52         4.200           Channel Islands         47         577           Gabon         46         5.873           Congo         47         1.321           San Marino         42         699           South Sudan         38         2.021           Liberia         47         .983           Uzbekistan         33         1.165           Guinea         36         2.013           Madagascar         38         1.342 <t< td=""><td></td><td></td><td>-</td><td>1,569</td></t<>			-	1,569
Chad         4         873           Estonia         69         2.013           Niger         68         1.097           Venezuela         80         8.372           Sierra Leone         63         1.598           Thailand         58         3.202           Dibout         56         4.955           Tajikistan         54         6.410           Burkina Faso         53         1.005           Andorra         52         855           Equatorial Guinea         51         3.071           Channel Islands         47         577           Gabon         46         5871           Congo         47         1.821           Congo         47         9.63           Outbustan         38         2.021           South Sudan         38         2.021           Ubbria         47         963           Uzbekistan         53         1.6649           Guinea         36         2.011           Madgascar         34         4.43           Ubbya         38         1.342           Outbusta         2.9         9.77           Sin				5,752
Bistonia         69         2.013           Niger         68         1.097           Venezuela         80         8.372           Siera Leone         63         1.598           Dilbouti         56         4.955           Dijbouti         56         6.410           Burkina Faso         53         1.005           Andorra         52         4.800           Equatorial Guinea         51         3.071           Tunisia         50         1.240           CAR         52         4.200           Channel Islands         47         577           Gabon         46         5.871           Congo         47         1.821           San Marino         42         699           South Sudan         38         2.021           Liberia         47         963           Uzbekistan         53         11.857           Lebanon         36         2.011           Nepal         35         1.649           Guinea         36         5.881           Mayotte         37         2.702           Madagascar         34         1.443				788
Niger         68         1.097           Venezuela         80         8.372           Siera Leone         63         1.598           Thailand         58         3.202           Dibouti         56         4.955           Tajikistan         54         6.410           Burkina Faso         53         1.005           Andorra         52         855           Equatorial Guinea         51         3.071           Tunisia         50         1.240           CAR         52         4.200           Channel Islands         47         577           Gabon         46         5.871           Congo         47         1.821           San Marino         42         699           South Sudan         38         2.021           Liberia         47         963           Uzbekistan         53         1.16649           Mayotte         37         2.702           Madgascar         34         4.143           Libya         38         1.342           Zambia         1.425         1.485           Sloayakia         28         4.861				1,894
No.         80         8.372           Stera Leone         63         1.598           Stera Leone         63         3.202           Djibouti         56         4.955           Djibouti         56         4.955           Djibouti         56         4.4955           Darkina Faso         53         1.005           Andorra         22         855           Equatorial Guinea         51         3.071           Tunisia         50         1.240           CAR         52         4.200           Channel Islands         47         577           Gabon         46         5.871           Congo         47         1.821           South Sudan         38         2.021           Liberia         47         963           Uzbekistan         53         11.857           Lebanon         36         2.011           Nepal         35         16.649           Guinea         36         3.841           Mayotte         37         2.702           Madagascar         44         4.43           Libya         38         1.437 <td< td=""><td></td><td></td><td></td><td>976</td></td<>				976
Siera Leone         63         1.598           Thailand         36         3.202           Djbouti         56         4.955           Tajikistan         54         6.410           Burkina Faso         33         1.005           Andorra         52         .855           Equatorial Guinea         31         3.071           Tunisia         .90         1.240           CAR         .92         .4200           Channel Islands         .47         .577           Gabon         .42         .699           South Sudan         .38         .2.021           Liberia         .47         .933           Uzbekistan         .33         .1.857           Lebanon         .36         .2.021           Madagascar         .36         .2.021           Madagascar         .36         .3.881           Madagascar         .36         .3.892           Latvia         .30         .3.402           Singapore         .2.62         .3.64           Uruguay         .2.9         .9.77           Singapore         .36         .3.81           Uruguay         .39 <t< td=""><td></td><td></td><td>-</td><td>2,544</td></t<>			-	2,544
Djibouti         56         4.955           Tajikistan         54         6.410           Burkina Faso         53         1.005           Andorra         52         855           Equatorial Guinea         51         3.071           Tunisia         50         1.240           CAR         52         4.200           Channel Islands         47         0.577           Gabon         46         5.871           Congo         47         1.821           San Marino         42         699           South Sudan         38         2.021           Liberia         47         0.63           Uzbekistan         53         11.487           Lebanon         36         2,011           Nayotte         37         2,702           Madagascar         34         4,143           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         4,564           <		63	1,598	1,123
Djibouti         56         4,955           Tajikistan         54         6,410           Burkina Faso         53         1,005           Andorra         52         855           Equatorial Guinea         51         3,071           Tunisia         50         1,240           CAR         52         4,200           Channel Islands         47         577           Gabon         46         5,871           Congo         47         1,821           San Marino         42         699           South Sudan         38         2,021           Liberia         477         0,63           Uzbekistan         53         11,487           Lebanon         36         2,011           Magotte         37         2,702           Madagascar         34         4,413           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         4,564 <t< td=""><td></td><td>58</td><td>3,202</td><td>3,087</td></t<>		58	3,202	3,087
Tajikistan         54         6.4.0           Burkina Faso         33         1.005           Andorra         52         885           Equatorial Guinea         51         3.071           Tunisia         50         1.240           CAR         32         4.200           Channel Islands         47         5.77           Gobon         46         5.871           Congo         47         1.821           San Marino         42         699           South Sudan         38         2.021           Liberia         47         963           Uzbekistan         53         11.857           Lebanon         36         2.011           Nepal         35         16.649           Guinea         36         2.011           Madgascar         38         1.342           Libya         38         1.342           Zambia         44         36           Libya         38         1.342           Zambia         42         1.895           Slogapore         26         4.564           Guinea-Bissau         270         1.65           S		56	4,955	4,671
Andorra         52         855           Equatorial Guinea         51         3,071           Tunisia         50         1,240           CAR         52         4,200           Channel Islands         47         577           Gabon         46         5,871           Congo         47         1,821           San Marino         42         699           South Sudan         38         2,021           Liberia         47         963           Uzbekistan         53         11,857           Lebanon         36         2,011           Nepal         35         16,649           Guinea         36         5,881           Mayotte         37         2,702           Madagascar         44         4,143           Libya         38         1,342           Latvia         30         1,165           Slogakia         28         1,870           Uruguay         29         977           Singapore         26         4,541           Guinea-Bissau         25         1,790           Slep of Man         24         336           Ne		54	6,410	5,067
Anoma Sector         3071           Tunisia         50         1,240           CAR         52         4,200           Channel Islands         47         577           Gabon         46         5,871           Congo         47         1,821           San Marino         42         699           South Sudan         38         2,021           Liberia         47         963           Uzbekistan         53         11,857           Lebanon         36         2,011           Nepal         35         16,649           Guinea         36         2,011           Madgascar         37         2,702           Madagascar         34         4,143           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         4,564           Guinea-Bissau         1,245         1,790           Sile of Man         22         1,542           Benin         <		53	1,005	862
Tunisia         50         1,240           CAR         52         4,200           Channel Islands         47         577           Gabon         46         5,871           Congo         47         1,821           San Marino         42         699           South Sudan         38         2,021           Liberia         47         963           Uzbekistan         53         11,857           Lebanon         36         2,011           Nepal         35         16,649           Guinea         36         2,702           Madgascar         34         4,143           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         21         1,542           Genand         22         1,542           Benin         23         1,285           Tazania         21         5,098           Costa Rica		52	855	803
CAR         92         4,200           Channel Islands         47         577           Congo         46         5871           Congo         47         1,821           Congo         47         1,821           San Marino         42         699           South Sudan         38         2,021           Liberia         47         963           Uzbekistan         53         11,857           Lebanon         60         2,011           Nepal         35         16,649           Guinea         36         2,070           Madagascar         61         3,881           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         4,564           Guinea-Bissau         25         1,790           Isle of Man         22         36           New Zealand         22         36           Malawi         29         1,542           Cyprus	uinea	51	3,071	842
Channel Islands         47         57           Gabon         46         5.871           Congo         47         1.821           San Marino         42         699           South Sudan         38         2.021           Liberia         47         963           Uzbekistan         53         1.857           Lebanon         36         2.011           Nepal         35         16.649           Guinea         36         5.881           Mayotte         37         2.702           Madagascar         34         4.143           Libya         38         1.342           Zambia         42         1.895           Latvia         30         3.165           Slovakia         28         1.870           Uruguay         29         977           Singapore         26         45.614           Guinea-Bissau         1.25         1.790           Isle of Man         22         1.542           Benin         23         1.285           Costa Rica         25         6.445           Paraguay         20         2.638           Co		50	1,240	1,067
Gabon         6         5,871           Congo         47         1,821           San Marino         42         699           South Sudan         38         2.021           Liberia         47         963           Uzbekistan         53         11,857           Lebanon         66         2.011           Nepal         35         16,649           Guinea         36         5,881           Mayotte         37         2,702           Madagascar         38         1,342           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slogakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         22         1,870           Isle of Man         22         1,870           Isle of Man         23         1,790           Isle of Man         23         1,285           Tanzania         21         509           Costa Rica         25         6,485      Paraguay			-	1,142
Congo         47         1,821           San Marino         42         699           South Sudan         38         2,021           Liberia         47         963           Uzbekistan         53         11,857           Lebanon         36         2,011           Nepal         35         16,649           Guinea         36         5,881           Mayotte         37         2,702           Madagascar         34         4,143           Libya         38         1,855           Slovakia         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         25         1,790           Isle of Man         22         1,542           Benin         23         1,285           Costa Rica         25         6,485           Paraguay         20         2,638           Malawi         29         1,984           Cyprus	nds	47	577	512
San Marino         42         699           South Sudan         38         2,021           Liberia         47         963           Uzbekistan         53         11,857           Lebanon         36         2,011           Nepal         35         16,649           Guinea         36         5,881           Mayotte         37         2,702           Madagascar         34         4,143           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         22         1,542           Isle of Man         24         336           New Zealand         22         1,542           Benin         23         1,285           Tanzania         21         509           Costa Rica         25         6,485           Paraguay         29         1,984           Cyprus         19         1,010           Ango				2,682
South Sudan         38         2,021           Liberia         47         963           Uzbekistan         53         11,857           Lebanon         36         2,011           Nepal         35         16,649           Guinea         36         5,881           Mayotte         37         2,702           Madagascar         38         1,342           Libya         38         1,342           Zambia         4,413         1           Libya         38         1,342           Zambia         4,22         1,895           Slovakia         38         1,342           Uruguay         39         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         27         1,790           Isle of Man         22         1,542           Benin         23         1,285           Costa Rica         25         6,485           Paraguay         29         1,984           Cyprus         21         5,551           Malawi			-	525
Construction         Construction           Uberia         47         963           Uzbekistan         53         11,857           Lebanon         36         2,011           Nepal         35         16,649           Guinea         36         5,881           Mayotte         37         2,702           Madagascar         34         4,143           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         25         1,790           Isle of Man         22         1,542           Benin         23         1,285           Costa Rica         25         6,485           Paraguay         20         2,638           Quyu         29         4,844           Quyu         29         1,984           Cyprus         29         1,984           Cyprus         29         1,984           Cyprus         29				656
Description         Description           Uzbekistan         33         11,857           Lebanon         36         2,011           Nepal         35         16,649           Guinea         36         5,881           Mayotte         37         2,702           Madagascar         34         4,143           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         22         1,790           Isle of Man         22         1,542           Benin         23         1,285           Tanzania         21         509           Costa Rica         25         6,485           Paraguay         20         2,638           Malawi         29         1,984           Cyprus         19         1,010           Angola         22         396           Palestine         27         5,551           Cabo Verde			-	333
Lebanom         36         2,011           Nepal         35         16,649           Guinea         36         5,881           Mayotte         37         2,702           Madagascar         34         4,143           Libya         38         1,342           Zambia         4,22         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         1,790         1           Isle of Man         22         1,542           Benin         23         1,285           Tanzania         21         5048           Quinguay         20         26           Sota Rica         25         6,485           Paraguay         20         2,638           Malawi         29         1,994           Cyprus         19         1,010           Angola         22         396           Palestine         27         5,551           Cabo Verde         118         1,552           French Guian				400
Nepal         35         16,649           Guinea         36         5,881           Mayotte         37         2,702           Madagascar         34         4,143           Libya         38         1,342           Zambia         4,22         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         22         1,542           Benin         22         1,542           Benin         23         1,285           Tanzania         21         509           Costa Rica         25         6,485           Paraguay         20         2,638           Malawi         22         366           Cyprus         19         1,010           Angola         22         396           Palestine         27         5,551           Cabo Verde         18         1,552           French Guiana         22         5,558           Georgia         15         704           Guyana				7,335
Guinea         36         5,881           Mayotte         37         2,702           Madagascar         34         4,143           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         25         1,790           Isle of Man         22         1,542           Benin         23         1,285           Tanzania         21         509           Costa Rica         22         6,485           Paraguay         20         2,638           Malawi         29         1,914           Cyprus         1010         1010           Angola         22         396           Palestine         22         396           Cabo Verde         18         1,552           French Guiana         22         396           Georgia         15         704           Guyana         16         286				1,368
Mayotte         37         2,702           Madagascar         34         4,143           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         25         1,790           Isle of Man         22         1,542           Benin         23         1,285           Tanzania         21         509           Costa Rica         25         6,485           Paraguay         29         396           Malawi         29         1,984           Cyprus         19         1,010           Angola         22         396           Palestine         27         5,551           Cabo Verde         18         1,552           French Guiana         22         5,558           Georgia         15         704			-	4,672
Madagascar         34         4,143           Libya         38         1,342           Zambia         42         1,895           Latvia         30         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         45,614         4           Guinea-Bissau         25         1,790           Isle of Man         24         336           New Zealand         22         1,542           Benin         23         1,285           Tanzania         21         509           Costa Rica         20         2,638           Malawi         29         396           Cyprus         19         1,010           Angola         22         396           Palestine         27         5,551           Cabo Verde         18         1,552           French Guiana         22         396           Georgia         15         373           Togo         15         373				2,480
Integration         1,342           Zambia         1,342           Zambia         42           Latvia         1,895           Latvia         30           Slovakia         1,165           Slovakia         1,870           Uruguay         29           Singapore         45           Guinea-Bissau         25           Isle of Man         24           New Zealand         22           Benin         1,285           Tanzania         21           Costa Rica         22           Paraguay         23           Malawi         29           Cyprus         4           Angola         23           Palestine         2638           Malawi         29           Cyprus         1,942           Angola         22           Stop Verde         1,943           French Guiana         22           Georgia         396           Gorgo         16           Guyana         16				2,480
Boyn         Image: Constraint of the second se				307
Latvia         0         1,165           Slovakia         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         25         1,790           Isle of Man         22         1,542           Benin         22         1,542           Tanzania         21         509           Costa Rica         225         6,485           Paraguay         200         2,638           Malawi         29         1,984           Cyprus         1,010         1,010           Angola         22         396           Palestine         27         5,551           Cabo Verde         1.8         1,552           French Guiana         22         5,558           Georgia         315         373           Togo         315         704				1,348
Slovakia         1870           Uruguay         28         1,870           Uruguay         29         977           Singapore         26         45,614           Guinea-Bissau         25         1,790           Isle of Man         24         336           New Zealand         22         1,542           Benin         23         1,285           Tanzania         21         09           Costa Rica         25         6,485           Paraguay         20         2,638           Malawi         29         1,984           Cyprus         1,010         1           Angola         22         396           Palestine         27         5,551           Cabo Verde         18         1,552           French Guiana         22         5,558           Georgia         315         704           Guyana         16         286				1,019
Instant         Instant         Instant           Singapore         26         45,614           Guinea-Bissau         25         1,790           Isle of Man         24         336           New Zealand         22         1,542           Benin         1,285         1,285           Tanzania         21         509           Costa Rica         20         2,638           Paraguay         29         1,984           Malawi         29         1,984           Cyprus         19         1,010           Angola         22         396           Palestine         23         5,551           Cabo Verde         18         1,552           French Guiana         20         5,558           Georgia         15         704           Guyana         16         286				1,481
Singapore         26         45,614           Guinea-Bissau         225         1,790           Isle of Man         24         336           New Zealand         22         1,542           Benin         23         1,285           Tanzania         21         509           Costa Rica         20         2,638           Paraguay         20         2,638           Malawi         29         1,984           Cyprus         1,010         1           Angola         22         396           Palestine         27         5,551           Cabo Verde         18         1,552           French Guiana         22         5,558           Georgia         15         704           Guyana         16         286				878
Guinea-Bissau         1,790           Isle of Man         24         336           New Zealand         22         1,542           Benin         1,285         1,285           Tanzania         21         509           Costa Rica         6,485         6,485           Paraguay         20         2,638           Malawi         29         1,984           Cyprus         1,010         1           Angola         22         396           Palestine         27         5,551           Cabo Verde         18         1,552           French Guiana         22         5,558           Georgia         15         704           Guyana         16         286				41,780
Isle of Man         24         336           New Zealand         22         1,542           Benin         23         1,285           Tanzania         21         509           Costa Rica         6,485         6,485           Paraguay         20         2,638           Malawi         29         1,984           Cyprus         1,010         1           Angola         22         396           Palestine         2,555         1           Cabo Verde         1,852         1           French Guiana         22         5,558           Georgia         15         973           Togo         15         704	u	25	1,790	760
New Zealand         1,542           Benin         23         1,285           Tanzania         21         509           Costa Rica         6,485         6,485           Paraguay         20         2,638           Malawi         29         1,984           Cyprus         101         101           Angola         22         396           Palestine         5,551         1           Cabo Verde         18         1,552           French Guiana         22         5,558           Georgia         15         973           Togo         15         704		24	336	312
Tanzania         21         509           Costa Rica         25         6,485           Paraguay         20         2,638           Malawi         29         1,984           Cyprus         1,010         100           Angola         22         396           Palestine         27         5,551           Cabo Verde         118         1,552           French Guiana         22         5,558           Georgia         15         973           Togo         15         704		22	1,542	1,497
Costa Rica256,485Paraguay202,638Malawi291,984Cyprus1011,010Angola22396Palestine275,551Cabo Verde1181,552French Guiana225,558Georgia15973Togo15704Guyana16286				333
Paraguay202,638Malawi291,984Cyprus191,010Angola22396Palestine275,551Cabo Verde181,552French Guiana225,558Georgia15973Togo15704Guyana16286				183
Malawi291,984Cyprus191,010Angola22396Palestine275,551Cabo Verde181,552French Guiana225,558Georgia973973Togo15704Guyana16286				2,023
Cyprus19Angola22Palestine27Cabo Verde18French Guiana22Georgia15Togo15Guyana16				1,229
Opened         396           Angola         22         396           Palestine         27         5,551           Cabo Verde         18         1,552           French Guiana         22         5,558           Georgia         15         973           Togo         15         704           Guyana         16         286			-	369
Initial         Initial <t< td=""><td></td><td></td><td></td><td>839</td></t<>				839
Cabo Verde         1,552           French Guiana         1,552           Georgia         1           Togo         15           Guyana         286				117
French Guiana225,558Georgia15973Togo15704Guyana16286				536
Georgia         15         973           Togo         15         704           Guyana         16         286				730
Togo         15         704           Guyana         16         286	a			2,555
Guyana 16 286				846
				483
Sint Maarten 15 78				125
				63 320
				456
Suriname         17         699           Syria         16         394				456

- A two-drug cocktail used to treat hepatitis C may also help patients recover more quickly from coronavirus, researchers reported yesterday. Three small studies involving 176 patients show the combination of the two drugs, sofosbuvir and daclatasvir, may have hastened the recovery of patients hospitalized with coronavirus, Andrew Hill of Liverpool University told the International AIDS Society's Covid-19 Conference. After two weeks of treatment, 94% of the patients given the two-drug combination were significantly better on a seven-point scale, compared to 70% of those not given the drugs, Hill said at a news conference. The studies were conducted in Iran, where the drug combination is widely used to treat hepatitis C patients. Hill said the studies were not the carefully controlled trials that doctors prefer to see before they adopt a new treatment.
- A new study from Italy suggests that coronavirus can cross the placenta from a pregnant woman to her fetus. Two babies born to women infected with Covid-19 were born infected themselves, Claudio Fenizia of the University of Milan and colleagues reported at a conference organized by the International AIDS Society. They studied 31 women infected with coronavirus who were in late pregnancy during the height of the coronavirus pandemic in Italy. Two of the newborns had positive tests at birth, they reported. *"Our result strongly suggests and support that vertical transmission occurred in two cases out of the 31 studied,"* Fenizia said. *"The virus was found in an at-term placenta and in the umbilical cord blood, in the vagina of a pregnant woman and in milk,"* the researchers wrote in a summary of their work. *"This is the first ringing bell that should raise awareness about a topic that is not really well studied,"* Fenizia said.
- "Two WHO experts are currently en route to China, to meet with fellow scientists and learn about the progress made in understanding the animal reservoir for COVID - 19 and how the disease jumped between animals and humans, tweeted WHO today on twitter.



## • Funding opportunity for researchers

PRACE (Partnership for Advanced Computing in Europe) Fast Track Call for Proposals

- <u>https://prace-ri.eu/prace-support-to-mitigate-impact-of-covid-19-pandemic/</u>
- The US Congressionally Directed Medical Research Program a call for proposals on COVID-19 <u>https://ebrap.org/eBRAP/public/ProgramFY.htm?programFYId=256400</u>

Fast Funding for COVID-19 Science - Applications are paused

<u>https://fastgrants.org/</u>

Anyone submitting to US (NIH, DoD) or EU Horizon 2020 calls can contact the Grants Office for support: <u>grantsoffice@research.unibe.ch</u>. The Grants Advisors responsible for the ISPM are Aline Schögler (<u>aline.schoegler@research.unibe.ch</u>) and Leah Witton (<u>leah.witton@research.unibe.ch</u>).

## Sources

https://www.swissinfo.ch/ https://www.worldometers.info/coronavirus/ https://www.corona-data.ch/ https://www.pressreader.com/ https://www.theguardian.com/world/coronavirus-outbreak