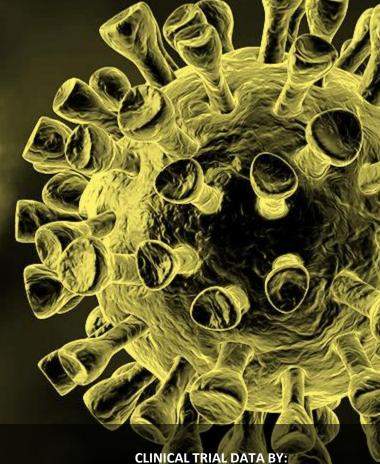


As of June 1st, 2020







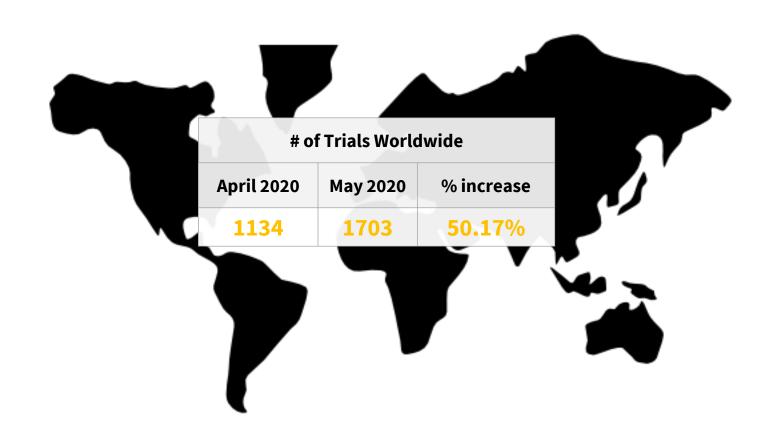




ClinicalTrials.gov

Notes:

- All clinical trial data is taken directly from clinicaltrials.gov, a site managed by the National Institute of Health
- Each data point is hyperlinked directly to its Clinical Trial on Clinicaltrials.gov
- Active Clinical Trials listed are those with the following parameters:
 - Listed as not yet recruiting
 - Recruiting
 - Enrolled by invitation
 - Active not recruiting
- Although there are 1703 Clinical Trials listed as active worldwide as of June 1st, 2020, those totals may be different when adding up Clinical Trials by country, by sponsors/collaborators or by drug interventions. This is due to the fact that some trials are conducted across multiple countries and may involve multiple sponsors and or drug interventions.



Note: Although there are 1703 Clinical Trials listed as active worldwide as of June 1st, 2020, those totals are different when adding up Clinical Trials by country. This is due to the fact that some trials are active in multiple countries.

COVID-19 CORONAVIRUS CLINICAL TRIALS FROM AROUND THE WORLD Trials by Top 30 Countries

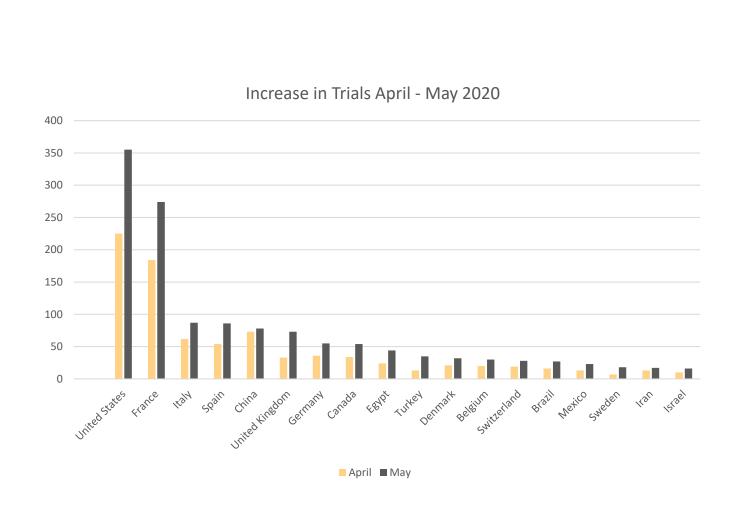
	Country	# of Trials
	<u>United States</u>	355
	<u>France</u>	274
	<u>Italy</u>	87
in the second	<u>Spain</u>	86
*;	<u>China</u>	78
	<u>United Kingdom</u>	73
	Germany	55
*	<u>Canada</u>	54
Ø.	<u>Egypt</u>	44
C*	Turkey	35

Country	# of Trials
<u>Denmark</u>	32
<u>Belgium</u>	30
<u>Switzerland</u>	28
<u>Brazil</u>	27
<u>Mexico</u>	23
Sweden	18
<u> Iran</u>	17
□ Srael	16
<u>Austria</u>	15
<u>Russia</u>	15

Country	# of Trials
<u>Netherlands</u>	14
® India	13
<u>Argentina</u>	12
Hong Kong	12
Greece	11
<u>Colombia</u>	11
<u>Australia</u>	11
<u>Poland</u>	10
Norway	10
Singapore	10

Note: Although there are 1703 Clinical Trials listed as active worldwide as of June 1st, 2020, those totals are different when adding up Clinical Trials by country. This is due to the fact that some trials are active in multiple countries.

Increase in Trials, April vs May 2020



		# of 7	Γrials	
	Country	April	May	% increase
	<u>United States</u>	225	355	57.78%
	<u>France</u>	184	274	48.91%
	<u>Italy</u>	62	87	40.32%
	<u>Spain</u>	54	86	59.26%
*:	<u>China</u>	73	78	6.85%
	<u>United Kingdom</u>	33	73	121.21%
	Germany	36	55	52.78%
*	<u>Canada</u>	34	54	58.82%
Ŕ	Egypt	24	44	83.33%
C*	<u>Turkey</u>	13	35	169.23%
	<u>Denmark</u>	21	32	52.38%
	<u>Belgium</u>	20	30	50.00%
+	Switzerland	19	28	47.37%
	<u>Brazil</u>	16	27	68.75%
	<u>Mexico</u>	13	23	76.92%
-	<u>Sweden</u>	7	18	157.14%
Ψ	<u>Iran</u>	13	17	30.77%
✡	<u>Israel</u>	10	16	60.00%



Top 30 Pharma Sponsors/Collaborators

Sponsor/Collaborator	# of Trials
<u>Institut Pasteur</u>	6
<u>Novartis</u>	5
Novartis Pharmaceuticals	5
<u>Sanofi</u>	5
<u>Gilead Sciences</u>	4
<u>Pfizer</u>	4
<u>AbbVie</u>	3
Ansun Biopharma, Inc.	3
Apices Soluciones S.L.	3
<u>AstraZeneca</u>	3

Sponsor/Collaborator	# of Trials
Azidus Brasil	3
Cadila Pharnmaceuticals	3
CanSino Biologics Inc.	3
Eiger BioPharmaceuticals	3
Genentech, Inc.	3
Hoffmann-La Roche	3
Hope Biosciences	3
Ridgeback Biotherapeutics	3
Roche Pharma AG	3
Ascletis Pharmaceuticals	2

Sponsor/Collaborator	# of Trials
<u>BioMérieux</u>	2
Biontech SE	2
Bristol-Myers Squibb	2
<u>CytoDyn, Inc.</u>	2
<u>EMS</u>	2
FGK Clinical Research	2
Hamad Medical Corporation	2
Incyte Corporation	2
<u>Innate Pharma</u>	2
<u>Jiangxi Qingfeng Pharma</u>	2

Note: Although there are 1703 Clinical Trials listed as active worldwide as of June 1st, 2020, those totals are different when adding up Clinical Trials by sponsors/collaborators. This is due to the fact that some sponsors/collaborators are involved in multiple trials and there can be multiple sponsors/collaborators per trial.



Top 30 University Sponsors/Collaborators

Sponsor/Collaborator	# of Trials
Stanford University	15
<u>Duke University</u>	13
Johns Hopkins University	13
Columbia University	12
Ain Shams University	11
Assiut University	11
University College, London	11
Tanta University	10
University of Zurich	10
University of Hong Kong	9

Sponsor/Collaborator	# of Trials
Shahid Beheshti University of Medical Sciences	8
<u>University of Minnesota</u>	8
Cairo University	7
Icahn School of Medicine at Mount Sinai	7
Imperial College London	7
Istanbul University-Cerrahpasa	7
<u>Istinye University</u>	7
King's College London	7
Medical University of Vienna	7
University of California, San Francisco	7

Sponsor/Collaborator	# of Trials
<u>University of Oxford</u>	7
<u>University of Pennsylvania</u>	7
<u>University of Utah</u>	7
<u>Kafrelsheikh University</u>	6
<u>University of Chicago</u>	6
University of Colorado, Denver	6
Universitätsklinikum Hamburg- Eppendorf	6
Chinese University of Hong Kong	5
Mansoura University	5
Rutgers, The State University of New Jersey	5

Note: Although there are 1703 Clinical Trials listed as active worldwide as of June 1st, 2020, those totals are different when adding up Clinical Trials by sponsors/collaborators. This is due to the fact that some sponsors/collaborators are involved in multiple trials and there can be multiple sponsors/collaborators per trial.



Top 30 Hospital, Health, Research Sponsors/Collaborators

Sponsor/Collaborator	# of Trials
Assistance Publique - Hôpitaux de Paris	48
University Hospital, Montpellier	23
University Hospital, Lille	17
University Hospital, Strasbourg, France	17
National Institute of Allergy and Infectious Diseases (NIAID)	16
National Institutes of Health Clinical Center (CC)	15
Tongji Hospital	14
Hospices Civils de Lyon	13
Centre Hospitalier Universitaire de Nice	12
Massachusetts General Hospital	12

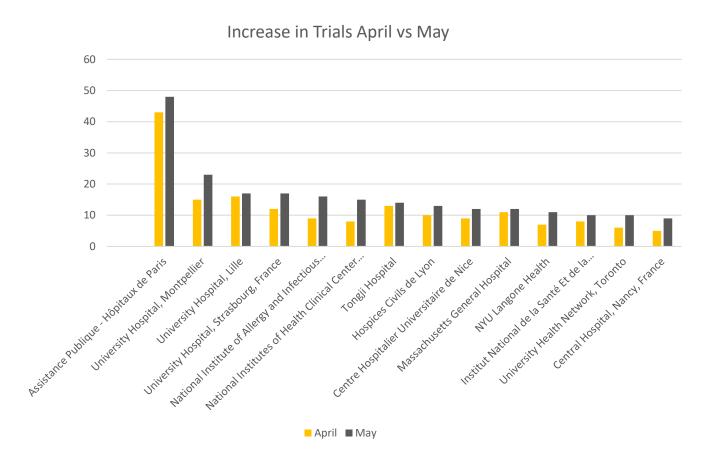
Sponsor/Collaborator	# of Trials
NYU Langone Health	11
Institut National de la Santé Et de la Recherche Médicale, France	10
University Health Network, Toronto	10
Central Hospital, Nancy, France	9
Kanuni Sultan Suleyman Training and Research Hospital	9
Poitiers University Hospital	9
University Hospital, Bordeaux	9
University Hospital, Toulouse	9
Bill and Melinda Gates Foundation	8
Hospital Clinic of Barcelona	8

Sponsor/Collaborator	# of Trials
Max Healthcare Insititute Limited	8
<u>University Hospital Tuebingen</u>	8
University Hospital, Angers	8
University Hospital, Geneva	8
<u>Versailles Hospital</u>	8
Assistance Publique Hopitaux De Marseille	7
Centre Hospitalier Universitaire, Amiens	7
<u>Direction Centrale du Service de</u> <u>Santé des Armées</u>	7
Fondation Ophtalmologique Adolphe de Rothschild	7
Hospital Israelita Albert Einstein	7

Note: Although there are 1703 Clinical Trials listed as active worldwide as of June 1st, 2020, those totals are different when adding up Clinical Trials by sponsors/collaborators. This is due to the fact that some sponsors/collaborators are involved in multiple trials and there can be multiple sponsors/collaborators per trial.



Increase in Trials April vs May: Hospital, Health, Research Sponsors/Collaborators



	# of Trials		
			%
	April	May	increase
<u> Assistance Publique - Hôpitaux de Paris</u>	43	48	11.63%
University Hospital, Montpellier	15	23	53.33%
<u>University Hospital, Lille</u>	16	17	6.25%
University Hospital, Strasbourg, France	12	17	41.67%
National Institute of Allergy and Infectious Diseases (NIAID)	9	16	77.78%
National Institutes of Health Clinical Center	8	15	87.50%
Tongji Hospital	13	14	7.69%
<u>Hospices Civils de Lyon</u>	10	13	30.00%
Centre Hospitalier Universitaire de Nice	9	12	33.33%
Massachusetts General Hospital	11	12	9.09%
NYU Langone Health	7	11	57.14%
Institut National de la Santé Et de la Recherche Médicale, France	8	10	25.00%
University Health Network, Toronto	6	10	66.67%
Central Hospital, Nancy, France	5	9	80.00%



Top 30 Drug Interventions

Drug Interventions	# of Trials
Anti-Infective Agents	247
Antirheumatic Agents	214
Antiparasitic Agents	197
<u>Hydroxychloroquine</u>	188
<u>Antimalarials</u>	182
Antiprotozoal Agents	181
Antiviral Agents	101
<u>Antibodies</u>	97
<u>Immunoglobulins</u>	97
Anti-Bacterial Agents	91

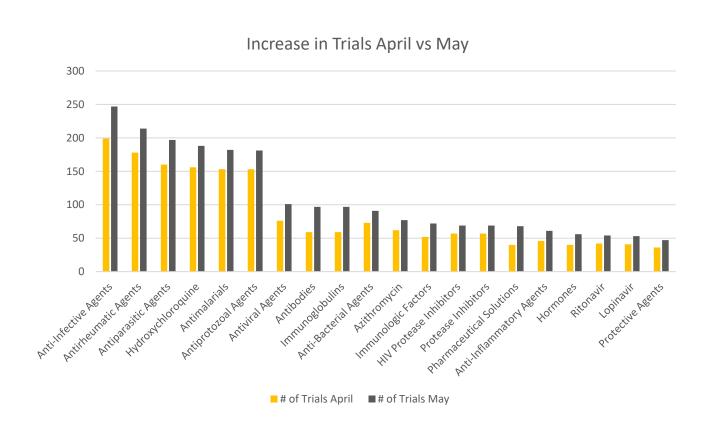
Drug Interventions	# of Trials
<u>Azithromycin</u>	77
Immunologic Factors	72
HIV Protease Inhibitors	69
<u>Protease Inhibitors</u>	69
Pharmaceutical Solutions	68
Anti-Inflammatory Agents	61
<u>Hormones</u>	56
Ritonavir	54
Lopinavir	53
Protective Agents	47

Drug Interventions	# of Trials
<u>Chloroquine</u>	44
Chloroquine diphosphate	44
<u>Vaccines</u>	44
Anti-Retroviral Agents	43
Cytochrome P-450 Enzyme Inhibitors	42
<u>Vitamins</u>	42
Anti-HIV Agents	40
Cytochrome P-450 CYP3A Inhibitors	39
Hormone Antagonists	39
<u>Antioxidants</u>	36

Note: Although there are 1703 Clinical Trials listed as active worldwide as of June 1st, 2020, those totals are different when adding up the Drug Interventions used within each Clinical Trial. This is due to the fact that there can be multiple drug interventions listed across multiple trials.



Increase in Trials April vs May: Top 30 Drug Interventions

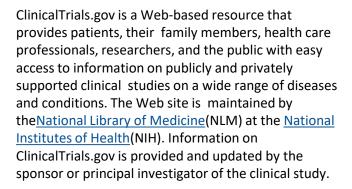


	# of Trials		% increase
	April	May	
<u> Anti-Infective Agents</u>	199	247	24.12%
<u>Antirheumatic Agents</u>	178	214	20.22%
<u>Antiparasitic Agents</u>	160	197	23.13%
<u>Hydroxychloroquine</u>	156	188	20.51%
<u>Antimalarials</u>	153	182	18.95%
<u>Antiprotozoal Agents</u>	153	181	18.30%
<u>Antiviral Agents</u>	76	101	32.89%
<u>Antibodies</u>	59	97	64.41%
<u>Immunoglobulins</u>	59	97	64.41%
Anti-Bacterial Agents	73	91	24.66%
<u>Azithromycin</u>	62	77	24.19%
Immunologic Factors	52	72	38.46%
HIV Protease Inhibitors	57	69	21.05%
<u>Protease Inhibitors</u>	57	69	21.05%
Pharmaceutical Solutions	40	68	70.00%
Anti-Inflammatory Agents	46	61	32.61%
<u>Hormones</u>	40	56	40.00%
<u>Ritonavir</u>	42	54	28.57%
<u>Lopinavir</u>	41	53	29.27%
Protective Agents	36	47	30.56%



As of June 1st, 2020







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