

anti-inflammatoxy and immuno-therapy - all results

Treatment	Number of studies	Demonstrated or suggested results	Inconclusive results	Uncertain results	Safety results
Immunostimulants drugs	80 studies ¹	demonstrated 12			
Immunosuppressants drugs	69 studies ²	demonstrated 30			
anti-inflammatory therapies	26 studies ³	suggested 82			
corticosteroids	22 studies ⁴	demonstrated 15			
Kinase inhibitors	3 studies ⁵		-		
leflunomide	1 study ⁶		inconclusive results for : deaths ; clinical deterioration ; viral clearance ; related SAE (TRSAE) ; adverse events		

Uncertain results are statistically significant results but obtain in trial with high risk of bias.

Demonstrated results are significant results obtained on the primary endpoint of a trial at low risk of bias or with some concerns.

Notes

¹ ACTIV-3/TICO (tixa), 2022 (NCT04501978) ; Baldeon, 2022 (SRCTN85216856) ; ITAC, 2022 (NCT04546581) ; SPRINTER, 2022 (NCT04732949) ; ACTIV-3 (BRII-196 and BRII-198), 2021 (NCT04501978) ; ACTIV-3/ TICO (sotrovimab), 2021 (NCT04501978) ; ASCOT, 2021 (NCT04483960) ; Bennett-Guerrero, 2021 (NCT04344535) ; CAPSID, 2021 (NCT04433910) ; CCAP-2, 2021 (NCT04345289) ; Co-CLARITY, 2021 (NCT04567173) ; CONCOR-1, 2021 (NCT04348656) ; CONTAIN COVID-19, 2021 (NCT04364737) ; COP-COVID-19, 2021 (NCT04358783) ; CP-COVID-19, 2021 (NCT04332835) ; CPC-SARS, 2021 (NCT04405310) ; Darazam, 2021 (NCT04521400) ; Darazam (COVIFERON Interferon beta-1a), 2021 (NCT04343768) ; Darazam (COVIFERON Interferon beta-1b), 2021 (NCT04343768) ; DAWN-Plasma, 2021 (NCT04429854) ; Holm K, 2021 (NCT04600440) ; Kalil (ACTT-3), 2021 (NCT04492475) ; Kirenga, 2021 (NCT04542941) ; LACCPT, 2021 (PACTR202006760881890) ; Li, 2021 (ChiCTR2000029638) ; LIFESAVER, 2021 (NCT04374526) ; Lopardo, 2021 (NCT04494984) ; Menichetti, 2021 (NCT04716556) ; NCT04385199, 2021 (NCT04385199) ; NCT04397757, 2021 (NCT04397757) ; NCT04403477 (two doses), 2021 (NCT04403477) ; NCT04442191, 2021 (NCT04442191) ; NCT04528368, 2021 (NCT04528368) ; O'Donnell, 2021 (NCT04359810) ; Pandit, 2021 (CTRI/2020/06/026087) ; PC/COVID-19, 2021 (NCT04366245) ; PERUCONPLASMA, 2021 (NCT04497324) ; PLACO-COVID, 2021 (NCT04428021) ; Pouladzadeh, 2021 (IRCT20200310046736N1) ; Raman, 2021 (CTRI/2020/06/026222) ; RECOVER, 2021 (EudCT 2020-001632-10) ; RECOVERY (plasma), 2021 (NCT04381936) ; RECOVERY (REGN-COV2), 2021 (NCT04381936) ; REMAP-CAP (plasma), 2021 (NCT02735707) ; Sekine (PLACOVID), 2021 (NCT04547660) ; Shashi Bhushan, 2021 (CTRI/2020/12/029855) ; Somersan-Karakaya (Cohort 1, Cohort 1A ; Combined doses), 2021 (NCT04426695) ; ACTIV-3/TICO LY-CoV555 , 2020 (NCT04501978) ; Al-Qahtani, 2020 (NCT04356534) ; Balcells, 2020 (NCT04375098) ; ConCOVID (Gharbharan et al.), 2020 (NCT04342182) ; CONFIDENT, 2020 (NCT04558476) ; ConPlas-19, 2020 (NCT04345523) ; COPLA-II trial, 2020 (NCT04425915) ; Davoudi-Monfared, 2020 (IRCT20100228003449N2) ; Esquivel-Moynelo, 2020 (RPCEC00000307) ; Fu, 2020 (ChiCTR2000030262) ; Gharebaghi, 2020 (IRCT20200501047259N1) ;

ILBS-COVID-02 (Bajpai M), 2020 (NCT04346446); Jagannathan, 2020 (NCT04331899); Li, 2020 (ChiCTR2000029757); Libster, 2020 (NCT04479163); PICP19 (Ray), 2020 (CTRI/2020/05/025209); PLACID, 2020 (CTRI/2020/04/024775); PlasmAr, 2020 (NCT04344535); Rahmani, 2020 (IRCT20100228003449N2); Rasheed, 2020 (); Sakoulas, 2020 (NCT04411667); Salman, 2020 (NCT04530370); SOLIDARITY (interferon), 2020 (NCT04315948); Synairgen SG016, 2020 (NCT04385095); Tabarsi, 2020 (IRCT20151227025726N2); Abolghasemi, 2020 (IRCT20200325046860N1); Duan, 2020 (); Hegerova, 2020 (); Salazar, 2020 (); Sean, 2020 (); Bihariesingh-Sanchit (SuriCovid), 2021 (ISRCTN18304314); Cai -FAVIPRAVIR, 2020 (ChiCTR2000029600); Joyner, 2020 (NCT04338360)

²COV-BARRIER (critically ill), 2022 (NCT04421027); Murugesan, 2022 (); RECOVERY, 2022 (NCT04381936); Amra, 2021 (IRCT20170207032444N3); CORIMUNO-ANA-1, 2021 (NCT04341584); CORIMUNO-SARI-1 (non ICU), 2021 (NCT04324073); COV-BARRIER, 2021 (NCT04421027); Declercq J (COV-AID), 2021 (NCT04330638); Fakharian, 2021 (IRCT20151227025726N2); Hamed, 2021 (); Kumar, 2021 (CTRI/2020/05/024959); Lescure (Sarilumab 200mg), 2021 (NCT04327388); Lescure (Sarilumab 400mg), 2021 (NCT04327388); LIVE-AIR (Temesgen), 2021 (NCT04351152); MARIPOSA, 2021 (NCT04363736); Rashad, 2021 (NCT04519385); RCT-TCZ-COVID-19, 2021 (NCT04346355); RECOVERY, 2021 (NCT04381936); REMAP-CAP (tocilizumab), 2021 (NCT02735707); REMAP-CAP sarilumab, 2021 (NCT02735707); Rosas (REMDACTA), 2021 (NCT04409262); Rutgers, 2021 (); SAVE-MORE, 2021 (NCT04680949); Singh (TD-0903 10mg), 2021 (NCT04402866); Singh (TD-0903 1mg), 2021 (NCT04402866); Singh (TD-0903 3mg), 2021 (NCT04402866); Soin AS (COVINTOC), 2021 (CTRI/2020/05/025369); STOP-COVID (Guimarães), 2021 (NCT04469114); Talaschian, 2021 (IRCT20081027001411N4); Veiga, 2021 (NCT04403685); ACTIV-1 abatacept, 2020 (NCT04593940); ACTIV-1 cenicriviroc, 2020 (NCT04593940); ACTT-2 (Kalil), 2020 (NCT04401579); BACC Bay Tocilizumab Trial, 2020 (NCT04356937); CAN-COVID, 2020 (NCT04362813); Cao, 2020 (); CORIMUNO-TOCI-1 (Group 1), 2020 (NCT04331808); CORIMUNO-TOCI-ICU (Group 2), 2020 (NCT04331808); COVACTA (Rosas), 2020 (NCT04320615); Dongsheng Wang, 2020 (ChiCTR2000029765); EMPACTA, 2020 (NCT04372186); ACTIV-1 infliximab, 0 (NCT04593940); DEVENT, 0 (NCT04377620); EU-CTR2020-001375-32 (PreToVid), 0 (EU-CTR2020-001375-32); EU-CTR2020-001748-24 (ImmCoVA), 0 (EU-CTR2020-001748-24); NCT04377750 (HMO-0224-20), 0 (NCT04377750); NCT04412772 (ARCHITECTS), 0 (NCT04412772); NCT04434717 (COVIT0Z-1 single dose plus two doses), 0 (NCT04434717); NCT04479358 (COVIDOSE-2 substudy A 120mg plus 40mg), 0 (NCT04479358); NCT04577534 (COVIDSTORM), 0 (NCT04577534); sarilumab Sanofi phase 3 outside US, 0 (); sarilumab Sanofi phase 3 US, 0 (NCT04315298); TOCOVID, 0 (NCT04332094); Rodriguez-Garcia, 2020 (EUPAS34966); Tziolos, 2021 (); Andrew, 2020 (); ARI-RAF (Della-Torre), 2020 (); Biran, 2020 (); Cantini, 2020 (); Capra, 2020 (); Colaneri, 2020 (); HNF Hospital Tocilizumab multidisciplinary team, 2020 (); Martinez-Sanz, 2020 (); Mathilde, 2020 (); Rojas-Marte, 2020 (); Rossotti, 2020 (); Somers, 2020 (); TOCI-RAF Study Group (Campochiaro), 2020 (); Tsai, 2020 ()

³COL-COVID (Pascual-Figal), 2021 (NCT04350320); COLCHIVID, 2021 (NCT04367168); COLCOVID, 2021 (NCT04328480); Gaitan-Duarte (Rosuvastatin plus colchicine), 2021 (NCT04359095); Horby, 2021 (NCT04381936); Lanzoni, 2021 (NCT04355728); MASH-COVID (Cremer), 2021 (NCT04399980); Rashad (CLARI vs SoC), 2021 (); Ravichandran, 2021 (CTRI/2021/05/033544); RECOVERY (colchicine), 2021 (NCT04381936); GRECCO-19, 2020 (NCT04326790); Lopes MIF, 2020 (RBR-8jyhxx); Salehzadeh, 2020 (IRCT20200418047126N1); Shi, 2020 (NCT04288102); Shu, 2020 (ChiCTR2000031494); Drake, 2021 (); Bruce, 2020 (); Ravichandran, 2020 (); Sandhu, 2020 (); Wenxin, 2020 (ChiCTR2000031630.); Brunetti, 2020 (); Imam, 2020 (); Malgorzata, 2020 (); Scarsi, 2020 (); Jeong, 2020 (); Tsiakos, 2020 (NCT04398004)

⁴COVID STEROID 2, 2021 (NCT04509973); Jamaati, 2021 (IRCT20151227025726N1); Munch (COVID-STERIOD), 2021 (NCT04348305); Ranjbar, 2021 (IRCT20200204046369N1); Rashad, 2021 (NCT04519385); CAPE-COVID, 2020 (NCT02517489); CODEX (Tomazini), 2020 (NCT04327401); DEXA-COVID19, 2020 (NCT04325061); Edalatifard, 2020 (IRCT20200404046947N1); Farahani, 2020 (IRCT20200406046963N1); GLUCOCOVID, 2020 (2020-001934-37); Metcovid, 2020 (NCT04343729); RECOVERY dexamethasone, 2020 (NCT04381936); REMAP-CAP, fixed 7-day course, 2020 (NCT02735707); REMAP-CAP, shock-dependent course, 2020 (NCT02735707); Steroids-SARI, 2020 (NCT04244591); Tang X, 2020 (NCT04273321); Fernández Cruz, 2020 (); Jianfeng, 2020 (); Raef, 2020 (); Tomasz, 2020 (); Lu, 2020 ()

⁵Covid-19 HUF, 2021 (NCT04346147); CALAVI, 2020 (NCT04346199); CALAVI US, 2020 (NCT04380688)

⁶Wang, 2020 (ChiCTR2000030058)