Supplementary Table 1 Registered clinical trials upon coronavirus disease 2019 management

NCT number	Title	Status	Conditions	Interventions	Phases	Enroll	Locations
						ment	
NCT04657458	Expanded Access	Availabl	Covid19 ARDS	Biological: Bone			
	Protocol on Bone	e	Hypoxia Cyto	Marrow			
	Marrow		kine Storm	Mesenchymal Stem			
	Mesenchymal Stem			Cell Derived			
	Cell Derived			Extracellular Vesicles			
	Extracellular Vesicle			Infusion Treatment			
	Infusion Treatment						
	for Patients With						
	COVID-19						
	Associated ARDS						
NCT04456361	Use of Mesenchymal	Active,	ARDS,	Biological:	Early	9	Mexico
	Stem Cells in Acute	not	Human Covid-	Mesenchymal Stem	Phase		
	Respiratory Distress	recruitin	19	Cells derived from	1		
	Syndrome Caused	g		Wharton Jelly of			

	by COVID-19		Umbilical cords			
NCT04302519	Novel Coronavirus	Not yet COVID-19	Biological: Dental	Early	24	
	Induced Severe	recruitin	pulp mesenchymal	Phase		
	Pneumonia Treated	g	stem cells	1		
	by Dental Pulp					
	Mesenchymal Stem					
	Cells					
NCT04371601	Safety and	Active, COVID-19	Drug:	Early	60	China
	Effectiveness of	not Pneumonia	Oseltamivir Drug:	Phase		
	Mesenchymal Stem	recruitin	Hormones Device:	1		
	Cells in the	g	Oxygen			
	Treatment of		therapy Procedure:			
	Pneumonia of		Mesenchymal stem			
	Coronavirus Disease		cells			
	2019					
NCT04345601	Mesenchymal	Not yet Sars-CoV2 Acu	Biological:	Early	30	United States
	Stromal Cells for the	recruitin te Respiratory	Mesenchymal	Phase		

	Treatment	of	g	Distress	Stromal Cells Other:	1		
	SARS-CoV-2			Syndrome CO	Supportive Care			
	Induced A	Acute		VID-19				
	Respiratory Fa	ailure						
	(COVID-19 Dise	ease)						
NCT04713878	Mesenchymal	Stem	Complet	COVID-19	Other: Mesenchymal	Not	21	Turkey
	Cells Therapy	in	ed	Pneumonia	stem cells	Applic		
	Patients	With				able		
	COVID-19							
	Pneumonia							
NCT04273646	Study of Hu	ıman	Not yet	2019 Novel	Biological:	Not	48	China
	Umbilical	Cord	recruitin	Coronavirus	UC-MSCs Drug:	Applic		
	Mesenchymal	Stem	g	Pneumonia CO	Placebo	able		
	Cells in	the		VID-19				
	Treatment of So	evere						
	COVID-19							
NCT04293692	Therapy	for	Withdra	COVID-19	Biological:	Not	0	China

	Pneumonia Patients	wn		UC-MSCs Other:	Applic		
	iInfected by 2019			Placebo	able		
	Novel Coronavirus						
NCT04492501	Investigational	Complet	Covid19 Cytoki	Procedure:	Not	600	Pakistan
	Treatments for	ed	ne Release	Therapeutic Plasma	Applic		
	COVID-19 in		Syndrome Criti	exchange Biological:	able		
	Tertiary Care		cal	Convalescent			
	Hospital of Pakistan		Illness ARDS	Plasma Drug:			
				Tocilizumab Drug:			
				Remdesivir Biologic			
				al: Mesenchymal			
				stem cell therapy			
NCT04565665	Cord Blood-Derived	Recruitin	COVID-19	Other: Best	Phase	70	United States
	Mesenchymal Stem	g	Infection COVI	Practice Biological:	1		
	Cells for the		D-19-Associated	Mesenchymal Stem			
	Treatment of		Acute	Cell			
	COVID-19 Related		Respiratory				

	Acute Respiratory		Distress				
	Distress Syndrome		Syndrome				
NCT04611256	Mesenchymal Stem	Recruitin	Covid19	Biological:	Phase	20	Mexico
	Cells in Patients	g		MSC Drug: Control	1		
	Diagnosed With						
	COVID-19						
NCT04252118	Mesenchymal Stem	Recruitin	COVID-19	Biological: MSCs	Phase	20	China
	Cell Treatment for	g			1		
	Pneumonia Patients						
	Infected With						
	COVID-19						
NCT04313322	Treatment of	Recruitin	Use of Stem	Biological: WJ-MSCs	Phase	5	Jordan
	COVID-19 Patients	g	Cells for		1		
	Using Wharton's		COVID-19				
	Jelly-Mesenchymal		Treatment				
	Stem Cells						
NCT04629105	Regenerative	Recruitin	ARDS,	Biological:	Phase	70	United States

-							
	Medicine for	g	Human COVID	LMSCs Other:	1		
	COVID-19 and		-19	Placebo			
	Flu-Elicited ARDS						
	Using LMSCs						
	(RECOVER)						
NCT04457609	Administration of	Recruitin	COVID Pulmo	Drug:	Phase	40	Indonesia
	Allogenic UC-MSCs	g	nary	Oseltamivir Drug:	1		
	as Adjuvant		Infection Sars-	Azithromycin Biolog			
	Therapy for		CoV2	ical: Umbilical Cord			
	Critically-Ill			Mesenchymal Stem			
	COVID-19 Patients			Cells			
NCT04352803	Adipose	Not yet	Covid-19	Biological:	Phase	20	
	Mesenchymal Cells	recruitin	Pneumonia Cy	Autologous Adipose	1		
	for Abatement of	g	otokine Storm	MSC's			
	SARS-CoV-2						
	Respiratory						
	Compromise in						

	COVID	-19 Dise	ease								
NCT04573270	Mesenc	hymal	Stem	Complet	COV	'ID-19 Pro	Biological:		Phase	40	United States
	Cells	for	the	ed	phyl	axis	PrimePro Other:	:	1		
	Treatme	ent	of				Placebo				
	COVID-	-19									
NCT04490486	UC De	rived	MSCs	Not yet	COV	TD-19 Acu	Biological:		Phase	21	United States
	Versus	Placel	oo to	recruitin	te	Respiratory	UCMSCs Other:	:	1		
	Treat		Acute	g	Distr	ess	Placebo				
	Pulmon	ary			Synd	lrome Cor					
	Inflamn	nation I	Due to		ona	Virus					
	COVID-	-19			Infec	tion					
NCT04522986	An	Explo	ratory	Not yet	Seve	re Acute	Biological:		Phase	6	Japan
	Study o	f ADR-	001 in	recruitin	Resp	iratory	Mesenchymal	stem	1		
	Patients	With 9	Severe	g	Synd	lrome	cell				
	Pneumo	onia C	Caused		Coro	navirus 2					
	by	SARS-	CoV-2								
	Infection	n									

NCT04535856	Therapeutic Study to	Complet	Covid19 Coron	Drug: allogeneic	Phase	9	Indonesia
	Evaluate the Safety	ed	a Virus	mesenchymal stem	1		
	and Efficacy of		Infection SAR	cell Other: Placebo			
	DW-MSC in						
	COVID-19 Patients						
NCT04397796	Study of the Safety	Recruitin	COVID	Biological:	Phase	45	United States
	of Therapeutic Tx	g		BM-Allo.MSC Biolog	1		
	With			ical: Placebo			
	Immunomodulatory						
	MSC in Adults With						
	COVID-19 Infection						
	Requiring						
	Mechanical						
	Ventilation						
NCT04467047	Safety and	Not yet	COVID-19 Sars	Biological:	Phase	10	
	Feasibility of	recruitin	-CoV2	Mesenchymal	1		
	Allogenic MSC in	g		Stromal Cells			

	the Treatment of			infusion			
	COVID-19						
NICTO 4 4 47000		D '''	ADDC	D M 1 1	D1	0	C 1
NCT04447833	Mesenchymal	Recruitin	ARDS,	Drug: Mesenchymal	Phase	9	Sweden
	Stromal Cell	g	Human COVID	Stromal Stem Cells -	1		
	Therapy For The			KI-MSC-PL-205			
	Treatment Of Acute						
	Respiratory Distress						
	Syndrome						
NCT04400032	Cellular	Recruitin	Acute	Biological:	Phase	9	Canada
	Immuno-Therapy	g	Respiratory	Mesenchymal	1		
	for COVID-19 Acute		Distress	Stromal Cells			
	Respiratory Distress		Syndrome Covi				
	Syndrome -		d19				
	Vanguard						
NCT04276987	A Pilot Clinical	Complet	Coronavirus	Biological:	Phase	24	China
	Study on Inhalation	ed		MSCs-derived	1		
	of Mesenchymal			exosomes			

Exosomes Treating Severe Novel Coronavirus Pneumonia NCT04366323 Clinical Trial to Active, Sars-CoV2 Drug: ALLOGENEIC Phase 26 Spain EXPANDED 1 | Phas Assess the Safety not **AND** Efficacy of recruitin **ADIPOSE** e 2 and TISSUE-DERIVED Intravenous g

MESENCHYMAL

Allogeneic Adult STEM CELLS

Mesenchymal Stem

Cells of Expanded

Administration

Adipose Tissue in

raipose rissue in

Patients with Severe

Pneumonia Due to

COVID-19

Stem

Cells

NCT04336254	Safety and Efficacy	Recruitin COVID-19	Biological: allogeneic	Phase 20	Renmin Hospital
	Study of Allogeneic	g	human dental pulp	1 Phas	of Wuhan
	Human Dental Pulp		stem cells (BSH BTC	e 2	University (East
	Mesenchymal Stem		& Utooth		Campus),
	Cells to Treat Severe		BTC) Other:		Wuhan, Hubei,
	COVID-19 Patients		Intravenous saline		China
			injection (Placebo)		
NCT04346368	Bone	Not yet COVID-19	Biological:	Phase 20	China
	Marrow-Derived	recruitin	BM-MSCs Biological:	1 Phas	
	Mesenchymal Stem	g	Placebo	e 2	
	Cell Treatment for				
	Severe Patients with				
	Coronavirus Disease				
	2019 (COVID-19)				
NCT04527224	Study to Evaluate	Not yet Covid19	Drug: AstroStem-V	Phase 10	
	the Efficacy and	recruitin		1 Phas	
	Safety of	g		e 2	

	AstroStem-V in							
	Treatment of							
	COVID-19							
	Pneumonia							
NCT04382547	Treatment of	Enrolling	COVID Covid-	Biological: Allo	genic I	Phase	40	Belarus
	Covid-19 Associated	by	19 Coronavirus	pooled olfa	ctory 1	l Phas		
	Pneumonia With	invitatio	Pneumonia P	mucosa-derived	•	e 2		
	Allogenic Pooled	n	neumonia,	mesenchymal	stem			
	Olfactory		Viral Pneumon	cells Other: Star	ndard			
	Mucosa-derived		ia,	treatment accor	rding			
	Mesenchymal Stem		Interstitial Sars-	to the Cl	inical			
	Cells		CoV2	protocols				
NCT04339660	Clinical Research of	Recruitin	COVID-19	Biological:	1	Phase	30	China
	Human	g		UC-MSCs Other	r: 1	l Phas		
	Mesenchymal Stem			Placebo	•	e 2		
	Cells in the							
	Treatment of							

	COVID-19						
	Pneumonia						
NCT04355728	Use of UC-MSCs for	Complet	Corona Virus	Biological: Umbilical	Phase	24	United States
	COVID-19 Patients	ed	Infection ARDS	Cord Mesenchymal	1 Phas		
			ARDS,	Stem Cells + Heparin	e 2		
			Human Acute	along with best			
			Respiratory	supportive			
			Distress	care. Other: Vehicle			
			Syndrome CO	+ Heparin along with			
			VID-19	best supportive care			
NCT04461925	Treatment of	Recruitin	COVID-19	Procedure:	Phase	30	Ukraine
	Coronavirus	g	Pneumonia	Placenta-Derived	1 Phas		
	COVID-19			MMSCs;	e 2		
	Pneumonia			Cryopreserved			
	(Pathogen			Placenta-Derived			
	SARS-CoV-2) With			Multipotent			
	Cryopreserved			Mesenchymal			

	A 11 a com air			Charmal Calla Duran			
	Allogeneic			Stromal Cells Drug:			
	P_MMSCs and			Antibiotics Drug:			
	UC-MMSCs			Hormones Drug:			
				Anticoagulant			
				Therapy Device:			
				Oxygen therapy			
NCT04390152	Safety and Efficacy F	Recruitin	Acute	Drug: Wharton's jelly	Phase	40	Colombia
	of Intravenous g	3	Respiratory	derived	1 Phas		
	Wharton's Jelly		Distress	Mesenchymal stem	e 2		
	Derived		Syndrome	cells. Drug:			
	Mesenchymal Stem			Hydroxychloroquine,			
	Cells in Acute			lopinavir/ritonavir			
	Respiratory Distress			or azithromycin and			
	Syndrome Due to			placebo (standard			
	COVID 19			therapy)			
NCT04494386	ULSC in Patients F	Recruitin	Covid19 Coron	Biological:	Phase	60	United States
	With COVID-19 g	7	a Virus	ULSC Other: Placebo	1 Phas		

	ARDS	Infection SARS-	(carrier control)	e 2
		CoV		
		Infection ARDS		
		Coronavirus		
NCT04452097	Use of hUC-MSC No	ot yet COVID-19 AR	Biological: Human	Phase 39
	Product (BX-U001) rec	cruitin DS Acute	umbilical cord	1 Phas
	for the Treatment of g	Respiratory	mesenchymal stem	e 2
	COVID-19 With	Distress	cells + best	
	ARDS	Syndrome	supportive	
			care Other: Placebo	
			control + best	
			supportive care	
NCT04390139	Efficacy and Safety Re-	ecruitin COVID-19 SAR	Drug:	Phase 30 Spain
	Evaluation of g	S-CoV 2 Adult	XCEL-UMC-BETA O	1 Phas
	Mesenchymal Stem	Respiratory	ther: Placebo	e 2
	Cells for the	Distress		
	Treatment of	Syndrome		

	Patients with						
	Respiratory Distress						
	Due to COVID-19						
NCT04392778	Clinical Use of Stem	Recruitin	Covid19 Pneu	Biological: MSC	Phase	30	Turkey
	Cells for the	g	monia Multiple	Treatment Biological	1 Phas		
	Treatment of		Organ	: Saline Control	e 2		
	Covid-19		Failure Corona				
			Virus Infection				
NCT04537351	The MEseNchymal	Recruitin	Covid19 Acute	Biological: CYP-001	Phase	24	Australia
	coviD-19 Trial: a	g	Respiratory		1 Phas		
	Pilot Study to		Distress		e 2		
	Investigate Early		Syndrome				
	Efficacy of MSCs in						
	Adults With						
	COVID-19						
NCT04398303	ACT-20 in Patients	Not yet	COVID-19	Biological:	Phase	70	
	With Severe	recruitin	Pneumonia	ACT-20-MSC Biologi	1 Phas		

	COVID-	19		g		cal:			e 2		
	Pneumo	nia				ACT-20-C	M Biolog	ic			
						al: Placebo)				
NCT03042143	Repair	of	Acute	Recruitin	Acute	Biological	: Hum	an	Phase	75	United Kingdom
	Respirat	ory	Distress	g	Respiratory	umbilical	со	rd	1 Phas		
	Syndron	ne	by		Distress	derived	CD3	62	e 2		
	Stromal		Cell		Syndrome	enriched					
	Adminis	tratio	on	n			ological:				
	(REALIS	T)				Placebo (1	Plasma-Ly	te			
	(COVID-	-19)				148)					
NCT04491240	Evaluati	on o	f Safety	Complet	Covid19 SARS-	Drug:	EXO	1	Phase	30	Russian
	and Ef	ficie	ncy of	ed	CoV-2	inhalation	l Drug:		1 Phas		Federation
	Method	of E	xosome		PNEUMONIA	EXO		2	e 2		
	Inhalatio	n	in		COVID-19	inhalation	l Drug:				
	SARS-CoV-2 Associated				Placebo inhalation						
	Pneumo	nia.									

NCT04333368	Cell Therapy Using	Active,	Severe Acu	te Biological: Umbilical	Phase	47	France
	Umbilical	not	Respiratory	cord Wharton's	1 Phas		
	Cord-derived	recruitin	Syndrome	jelly-derived	e 2		
	Mesenchymal	g	Coronavirus	human Other: NaCl			
	Stromal Cells in		2 Severe Acu	te 0.9%			
	SARS-CoV-2-related		Respiratory				
	ARDS		Distress				
			Syndrome				
NCT04524962	Study of	Recruitin	Acute	Biological: Descartes	Phase	30	United States
	Descartes-30 in	g	Respiratory	30	1 Phas		
	Acute Respiratory		Distress		e 2		
	Distress Syndrome		Syndrome Co	r i			
			d19				
NCT04445220	A Study of Cell	Recruitin	COVID-19 Ac	ı Biological: SBI-101	Phase	22	United States
	Therapy in	g	te Kidney Inju	y	1 Phas		
	COVID-19 Subjects				e 2		
	with Acute Kidney						

	Injury Who Are				
	Receiving Renal				
	Replacement				
	Therapy				
NCT04341610	ASC Therapy for Withdra	Respiratory	Drug: Stem Cell	Phase 0	Denmark
	Patients with Severe wn	Tract Diseases	Product	1 Phas	
	Respiratory			e 2	
	COVID-19				
NCT04684602	Mesenchymal Stem Recruitir	n Autoimmune	Biological:	Phase 5000	United States
	Cells for the g	Diseases Cardi	PrimePro TM /PrimeM	1 Phas	
	Treatment of	ovascular	SK^{TM}	e 2	
	Various Chronic and	Disorders Diab			
	Acute Conditions	etes			
		Complications			
		Integumentary			
		Disease Muscul			
		oskeletal			

		Disorders Neur	
		odegenerative	
		Disorders Neur	
		ologic	
		Disorders Pulm	
		onary	
		Disorders Sexu	
		al	
		Dysfunction Ur	
		ologic	
		Disorders Viral	
		Illness	
NCT04444271	Mesenchymal Stem Recruitin	COVID-19	Drug: Mesenchymal Phase 20 Pakistan
	Cell Infusion for g		stem cells Other: 2
	COVID-19 Infection		Placebo
NCT04416139	Mesenchymal Stem Recruitin	Covid 19	Biological: Infusion Phase 10 Mexico
	Cell for Acute g		IV of Mesenchymal 2

	Respiratory Distress		Stem cells	
	Syndrome Due for			
	COVID-19			
NCT04429763	Safety and Efficacy	Not yet COVID-19	Biological: Umbilical Phas	se 30
	of Mesenchymal	recruitin	cord derived 2	
	Stem Cells in the	g	mesenchymal stem	
	Management of		cells Biological:	
	Severe COVID-19		Placebo	
	Pneumonia			
NCT04315987	NestaCell®	Not yet COVID-19	Biological: Phas	se 90 Brazil
	Mesenchymal Stem	recruitin Pneumonia	NestaCell® Biologic 2	
	Cell to Treat Patients	g	al: Placebo	
	With Severe			
	COVID-19			
	Pneumonia			
NCT04625738	Efficacy of Infusions	Not yet COVID19 ARDS	Biological: Ex vivo Phas	se 30
	of MSC From	recruitin	expanded Wharton's 2	

Wharton Jelly in the g Mesenchymal Jelly SARS-Cov-2 Stem (COVID-19) Related Cells | Biological: Placebo Respiratory Acute Distress Syndrome NCT04366271 Clinical Trial of Recruitin COVID Biological: Phase 106 Spain Allogeneic Mesenchymal 2 g Mesenchymal Cells cells | Drug: Standard From Umbilical of care Cord Tissue in **Patients** With COVID-19 NCT04288102 Treatment with Complet Corona Virus Biological: Phase 100 China Umbilical ed Human Disease UC-MSCs | Biological: 2 Cord-derived 2019(COVID-19) Saline containing 1% Mesenchymal Stem Human serum Cells for Severe albumin (solution

COVID-19 without UC-MSCs) NCT04728698 Study of Not yet Covid19 | ARDS Drug: Phase 100 Intravenous recruitin COVI-MSC | Drug: 2 Administration of g Placebo Allogeneic Adipose-Derived Mesenchymal Stem Cells for COVID-19-Induced Acute Respiratory Distress NCT04348435 A Randomized, Enrolling COVID-19 Drug: Phase 100 **United States** Double-Blind, by HB-adMSCs | Drug: 2 Placebos Placebo-Controlled invitatio Clinical Trial to n Determine the Safety and Efficacy of Hope

Biosciences Allogeneic Mesenchymal Stem Cell Therapy (HB-adMSCs) to Provide Protection Against COVID-19 NCT04428801 Autologous Not yet COVID-19 Biological: Phase 200 Adipose-derived recruitin autologous 2 Stem Cells for g adipose-derived stem COVID-19 cells NCT04349631 A Clinical Trial to Active, COVID-19 **United States** Drug: HB-adMSCs Phase 56 Determine the Safety not 2 and Efficacy of Hope recruitin Biosciences g Autologous Mesenchymal Stem

	Cell Therapy						
	(HB-adMSCs) to						
	Provide Protection						
	Against COVID-19						
NCT04348461	BAttLe Against	Not yet	COVID Respira	Drug: Allogeneic and	Phase	100	
	COVID-19 Using	recruitin	tory Distress	expanded adipose	2		
	MesenchYmal	g	Syndrome	tissue-derived			
	Stromal Cells			mesenchymal stromal			
				cells			
NCT04362189	Efficacy and Safety	Active,	COVID-19	Drug:	Phase	100	United States
	Study of Allogeneic	not		HB-adMSC Drug:	2		
	HB-adMSCs for the	recruitin		Placebo			
	Treatment of	g					
	COVID-19						
NCT04377334	MSCs in	Not yet	ARDS COVID-	Biological: MSC	Phase	40	Germany
	Inflammation-Resol	recruitin	19		2		
	ution Programs of	g					

	COVID-19 Induced						
	ARDS						
NCT04361942	Treatment of Severe	Recruitin	COVID-19	Biological:	Phase	24	Spain
	COVID-19	g	Pneumonia	Mesenchymal	2		
	Pneumonia With			Stromal Cells Other:			
	Allogeneic			Placebo			
	Mesenchymal						
	Stromal Cells						
	(COVID_MSV)						
NCT04269525	UC-Derived MSCs	Recruitin	Pneumonia,	Biological: UC-MSCs	Phase	16	China
	Treatment for the	g	Viral Pneumon		2		
	2019-novel		ia,				
	Coronavirus		Ventilator-Asso				
	Pneumonia		ciated				
NCT04437823	Efficacy of	Recruitin	Corona Virus	Biological:	Phase	20	Pakistan
	Intravenous	g	Infection	Intravenous Infusions	2		
	Infusions of Stem			of Stem Cells			

	Cells in the								
	Treatment of								
	COVID-19 Patients								
NCT04602442	Safety and Efficiency	Enrolling	Covid19 SARS-	Drug: EXO 1	Phase	90	Russian		
	of Method of	by	CoV-2	inhalation Drug:	2		Federation		
	Exosome Inhalation	invitatio	PNEUMONIA	EXO 2					
	in COVID-19	n	COVID-19	inhalation Drug:					
	Associated			Placebo inhalation					
	Pneumonia								
NCT04299152	Stem Cell Educator	Not yet	SARS	Combination	Phase	20			
	Therapy Treat the	recruitin	Pneumonia	Product: Stem Cell	2				
	Viral Inflammation	g		Educator-Treated					
	in COVID-19			Mononuclear Cells					
				Apheresis					
NCT04466098	Multiple Dosing of	Recruitin	Acute	Biological:	Phase	30	United States		
	Mesenchymal	g	Respiratory	Mesenchymal	2				
	Stromal Cells in		Distress	stromal cells Other:					

	Patients With ARDS		Syndrome AR	Placebo				
	(COVID-19)		DS (Moderate or	110000				
	(COVID-17)		•					
			Severe) COVID					
			-19 Pneumonia					
NCT04366063	Mesenchymal Stem	Recruitin	Covid-19	Biological:	Cell	Phase	60	Islamic Republic
	Cell Therapy for	g		therapy p	rotocol	2 Phas		of
	SARS-CoV-2-related			1 Biological:	Cell	e 3		
	Acute Respiratory			therapy protoco	ol 2			
	Distress Syndrome							
NCT04371393	MSCs in COVID-19	Active,	Mesenchymal	Biological:		Phase	223	United States
	ARDS	not	Stromal	Remestemcel-L	Drug	3		
		recruitin	Cells Remeste	: Placebo				
		g	mcel-L Acute					
			Respiratory					
			Distress					
			Syndrome CO					
			VID					

NCT04541680	Nintedanib for the	Recruitin	SARS-Cov-2	Drug:	Nintedanib 150	Phase	250	France
	Treatment of	g	Induced	MG	[Ofev] Other:	3		
	SARS-Cov-2		Pulmonary	Placebo				
	Induced Pulmonary		Fibrosis					
	Fibrosis							

COVID-19: Coronavirus disease 2019; SARS-Cov-2: Severe acute respiratory syndrome coronavirus 2; MSCs: Mesenchymal Stem Cells; LMSCs: Longeveron Mesenchymal Stem Cells; ARDS: Acute Respiratory Distress Syndrome; UC: Umbilical Cord; ULSC: Umbilical Cord Lining Stem Cells.