Supplementary file 1

Sayahinouri et al., *BioImpacts*, 2023, 13(2), 159-179

doi: 10.34172/bi.2023.23839 http://bi.tbzmed.ac.ir/

Functionality of immune cells in COVID-19 infection: development of cell-based therapeutics

Maryam Sayahinouri^{1,2#}, Sahar Mashayekhi Firouz^{1#}, Amin Ebrahimi Sadrabadi^{3,4#}, Mina Masoudnia⁵, Mahnaz Abdolahi⁵, Fatemeh Jafarzadeh⁶, Meshkat Nouripour⁷, Sana Mirzazadeh⁸, Nazanin Zangeneh⁹, Arsalan Jalili^{3,2,10*}, Nasser Aghdami^{3*}

Table S1: List of COVID19 clinical trials using Treg cells. (www.clinicaltrials.gov)

	NCT Number	Title	Status	Conditions	Interventions	Locations
1	NCT04379466	Effector and Regulatory T Cell Receptor Repertoire Analyses in Patients Affected by COVID-19	Recruiting	COVID-19	-	Hôpital Pitie Salpétrère Paris, France

¹Department of Immunology, Afzalipour Faculty of Medicine, Kerman University of Medical Sciences, Kerman, Iran

²Parvaz Research Ideas Supporter Institute, Tehran, Iran

³Department of Stem Cells and Developmental Biology, Royan Institute for Stem Cell Biology and Technology, ACECR, Tehran, Iran

⁴Cytotech & Bioinformatics Research Group, Tehran, Iran

⁵Department of Immunology, School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran

⁶Department of Genetic, Faculty of Modern Sciences, Tehran Medical Branch, Islamic Azad University, Tehran, Iran

Department of Microbiology, Faculty of Basic Sciences, Karaj Branch, Islamic Azad University, Tehran, Iran

⁸Department of Biology, Faculty of Biological Sciences, Tehran North Branch, Islamic Azad University, Tehran, Iran

⁹Department of Biology, Roudehen Branch, Islamic Azad University, Tehran, Iran

¹⁰Hematopoietic Stem Cell Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran

[#] These authors contribute equally.

Supplementary file 1

2	NCT04468971	Regulatory T Cell infusion for Lung Injury Due to COVID- 19 Pneumonia	Recruiting	• COVID-19 • ARDS	• Biological: CK0802 • Drug: Placebo	• Johns Hopkins Hospital Baltimore, Maryland, United States • Columbia University New York, United States • University of North Carolina Chapel Hill, North Carolina, United States (and 2 more)
---	-------------	---	------------	----------------------	--	--

Table S2: List of COVID-19 clinical trials using T cells. (www.clinicaltrials.gov)

]	NCT Number	Title	Status	Conditions	Interventions	Locations
1	NCT0435165	Novel Adoptive Cellular Therapy With SARS-CoV- 2 Specific T Cells in Patients with Severe COVID-19	Recruiting	COVID19	Other: Blood donation from convalescent donor	 National University Hospital, Singapore Singapore General

Supplementary file 1

						Hospital, Singapore
						• Changi General Hospital, Singapore
2	Adoptive Cell Therapy Wi NCT04457726 SARS-CoV- Specific T Cel	Part Two of Novel Adoptive Cellular Therapy With SARS-CoV-2 Specific T Cells in Patients with	Recruiting	COVID19	Biological: SARS-CoV-2 Specific T Cells	• KK Women's and Children's Hospital, Singapore • National University Hospital, Singapore
		Severe COVID-19				 Sengkang General Hospital, Singapore Singapore
						General Hospital, Singapore,