

Public announcement of Collaborative Research, Phase 1

2023.05.25

Research Theme	Decoding key genes and networks in immunological memory		
Research Period	Jan. 1, 2021 - Dec. 31, 2022		
Researcher Information	Technion	 Doron Melamed Professor Faculty of Medicine	 Shai S. Shen-Orr Associate Professor Faculty of Medicine
	Tokushima Univ.	 Koji Yasutomo Professor Graduate School of Biomedical Sciences, Medical Science	
Publication List (Published Papers, conference, presentations, etc)	•Kondo H, Kageyama T, Tanaka S, Otsuka K, Tsukumo SI, Mashimo Y, Onouchi Y, Nakajima H, Yasutomo K. Markers of memory CD8 T cells depicting the effect of the BNT162b2 mRNA COVID-19 vaccine in Japan. <i>Front Immunol</i> 13:836923 (2022) •Tsukumo SI, Subramani PG, Seija N, Tabata M, Maekawa Y, Mori Y, Ishifune C, Itoh Y, Ota M, Fujio K, Di Noia JM, Yasutomo K. AFF3, a susceptibility factor for autoimmune diseases, is a molecular facilitator of immunoglobulin class switch recombination. <i>Sci Adv</i> 8(34):eabq0008 (2022) •Frishberg A, Kooistra E, Nuesch-Germano M, Pecht T, Milman N, Reusch N, Warnat-Herresthal S, Bruse N, Händler K, Theis H, Kraut M, van Rijssen E, van Cranenbroek B, Koenen HJ, Heesackers H, van den Boogaard M, Zegers M, Pickkers P, Becker M, Aschenbrenner AC, Ulas T, Theis FJ, Shen-Orr SS, Schultze JL, Kox M. Mature neutrophils and a NF-κB-to-IFN transition determine the unifying disease recovery dynamics in COVID-19. <i>Cell Rep Med</i> 3(6):100652 (2022) •Iancovici L, Khateeb D, Harel O, Peri R, Slobodin G, Hazan Y, Melamed D, Kessel A, Bar-On Y. Rheumatoid arthritis patients treated with Janus kinase inhibitors show reduced humoral immune responses following BNT162b2 vaccination. <i>Rheumatology</i> (Oxford) 61(8):3439-3447 (2022) •Poster presentation on the Single Cell Genomics Conference in Utrecht, Netherlands, October 17-19, 2022 •A contributed flash talk at the ILANIT/FISEB Experimental Biology Conference 2023 in Eilat, Israel, February 20-23, 2023		