

Table S1. Synovial fluid cytokine concentrations (pg/mL) in the examined patients with OA prior to HTO surgery

Cytokine	SVF subgroup at baseline (n=10) Me [IQR]	PRP subgroup at baseline (n=10) Me [IQR]	<i>P</i> (Mann-Whitney U-test)
IFN γ	6.9 [0.0;13.8]	0.0 [0.0;4.1]	n.s.
IL12P40	13.8 [3.8;32.4]	21.8 [10.7;38.4]	n.s.
IL-12P70	4.5 [0.0;7.1]	3.0 [0.0;4.3]	n.s.
IL-1 β	58.5 [42.5;96.0]	0.0 [0.0; 6.8]	<0.01*
IL-6	373.8 [142.7;715.7]	125.1 [45.3;644.9]	n.s.
IL-7	30.4 [14.3;39.5]	9.0 [2.3; 37.6]	n.s.
TNF α	13.3 [11.7;18.4]	12.2 [9.8;16.3]	n.s.
IL-10	12.4 [9.6; 14.4]	8.9 [4.4; 15.6]	n.s.
IL-1RA	36.4 [26.0; 56.0]	40.9 [25.3;56.5]	n.s.
IL-4	6.9 [0.0; 11.7]	58.4 [10.4; 87.0]	<0.01*
EGF	0.0 [0.0; 35.3]	16.4 [0.0;23.8]	n.s.
FGF-2	167.5 [93.5;186.0]	171.1 [100.7; 187.7]	n.s.
G-CSF	14.6 [9.3;24.5]	19.0 [8.0;28.0]	n.s.
Flt-3L	149.2 [131.2;211.6]	149.6 [108.9;167.4]	0.60
PDGF-AA	21.2 [20.3;27.9]	14.4 [8.0;26.0]	n.s.
PDGF-AB/BB	39.6 [27.2;61.8]	27.8 [22.2;64.5]	n.s.
VEGF	263.9 [243.5;286.0]	103.0 [61.7; 167.7]	<0.01*
Eotaxin	71.9 [52.8;81.9]	54.5 [43.9; 60.5]	n.s.
Fractalkine	74.2 [68.9;84.9]	133.2 [87.4;176.9]	0.07
GRO	189.5 [168.7;242.1]	190.1 [137.3;358.1]	1.00
MCP-3	45.8 [33.9;66.5]	93.1 [61.3; 128.1]	0.01*
MDC	658.1 [289.3;942.4]	558.2 [480.0; 782.1]	0.80
IL-8	318.0 [89.2;425.3]	189.3 [76.5;304.1]	n.s.
IP-10	1220.0 [950.6;1569.0]	1295.0 [1100.0;2680]	n.s.
MCP-1	1328.0 [1100.0;1755.0]	1767 [1074;2357]	n.s.
MIP-1 α	12.4 [0.0;17.2]	18.2 [10.0;30.0]	n.s.

Table S3. Spearman's rank correlation coefficients (r) (p<0.05) are shown for cytokine concentrations observed in the synovial fluid of patients with OA at baseline prior to PRP injection.

	IFN γ	IL-12p40	IL-12p70	IL-1 β	IL-6	IL-7	TNF α	IL-1RA	PDGFAB/BB	VEGF	Eotaxin	Fractalkine	GRO	IL-8	MIP-1 α	MIP-1 β	RANTES	sCD40L	IP-10
IL-1 β	0.80																		
TNF α	0.85			0.78															
IL-10						0.71													
PDGF-AB/BB				0.73	0.66														
Eotaxin				0.67					0.66	0.71									
Fractalkine										0.71									
GRO			0.69	0.76		0.67					0.86								
MCP-3					-0.75														
IL-8					0.96					0.71	0.66								
MIP-1 α		0.66	0.77								0.71		0.73						
MIP-1 β		0.70						0.83							0.73				
RANTES					0.70					0.73	0.78			0.75					
IFN α 2		0.85										0.76				0.66			
IL-15																			
sCD40L								0.71	0.75	0.83									
IP-10										0.76							0.71	0.76	
MCP-1												0.78							0.70
MDC			0.80				0.75				0.88		0.78				0.81		