

## Supplemental Tables

Supplemental Table 1: List of antibodies used for Immunophenotyping studies.

Antibody conjugate	Company	Order number	Concentration used
Alexa Fluor 488 anti-human CD25	BioLegend	302616	5µl (per 100µl PB)
Alexa Fluor 647 anti-human CD127	BioLegend	351318	5µl (per 100µl PB)
Alexa Fluor 647 anti-human CD196 (CCR6)	BioLegend	353404	5µl (per 100µl PB)
APC anti-human CD8a	BioLegend	301014	5µl (per 100µl PB)
APC-Cy7 anti-human CD183 (CXCR3)	BioLegend	353722	5µl (per 100µl PB)
APC-Vio770 anti-human CD66b	Miltenyi Biotec	130-104-399	5µl (per 100µl PB)
Brilliant Violet 421 anti-human CD16	BD Biosciences	562874	5µl (per 100µl PB)
Brilliant Violet 421 anti-human CD3	BioLegend	317344	5µl (per 100µl PB)
Brilliant Violet 510 anti-human CD45	BioLegend	304036	5µl (per 100µl PB)
FITC anti-human CD3	BioLegend	317306	5µl (per 100µl PB)
FITC anti-human CD4	BioLegend	300506	5µl (per 100µl PB)
PE anti-human CCR10	BD Biosciences	563656	5µl (per 100µl PB)
PE anti-human CD4	BioLegend	300508	2.5µl (per 100µl PB)
PE-Cy7 anti-human CD194 (CCR4)	BioLegend	359410	5µl (per 100µl PB)
PerCP anti-human CD14	BioLegend	325632	5µl (per 100µl PB)
PerCP-Cy5.5 anti-human CD8	BioLegend	301014	5µl (per 100µl PB)

**Supplemental Table 2:** Multiparameter compensation setting for leukocyte enumeration (TruCount) panel.

	FITC-A :: CD3	PE-A :: CD4	PerCP-A :: CD14	APC-A :: CD8	BV510-A :: CD45	BV421-A :: CD16	APC-Vio770-A :: CD66b
FITC-A :: CD3	100.00	20.38	5.35	0.04	1.67	0.00	0.00
PE-A :: CD4	0.67	100.00	30.88	0.02	0.00	0.00	0.00
PerCP-A :: CD14	0.00	0.03	100.00	3.62	0.00	0.00	1.06
APC-A :: CD8	0.01	0.02	1.72	100.00	0.00	0.00	7.07
BV510-A :: CD45	0.50	0.32	0.57	0.06	100.00	7.04	0.00
BV421-A :: CD16	0.10	0.05	0.00	0.05	42.20	100.00	0.00
APC-Vio770-A :: CD66b	2.54	2.70	4.83	15.99	1.40	0.00	100.00

**Supplemental Table 3:** Multiparameter compensation setting for CD4 Th panel ('CD4 Panel 1').

	FITC-A :: CD4	PE-A :: CCR10	PerCP-Cy5-5-A :: CD8	PE-Cy7-A :: CD194	Alexa Fluor 647-A :: CD196	APC-Cy7-A :: CD183	BV421-A :: CD3	BV510-A :: CD45
FITC-A :: CD4	100.00	4.68	2.62	0.04	0.00	0.00	0.00	0.64
PE-A :: CCR10	3.00	100.00	65.53	0.50	0.09	0.00	0.00	0.00
PerCP-Cy5-5-A :: CD8	0.00	0.00	100.00	1.57	3.64	1.31	0.00	0.00
PE-Cy7-A :: CD194	1.41	2.83	26.37	100.00	0.33	29.30	0.00	0.00
Alexa Fluor 647-A :: CD196	0.00	0.00	0.94	0.00	100.00	2.63	0.00	0.00
APC-Cy7-A :: CD183	0.00	0.00	0.68	0.79	40.32	100.00	0.00	0.00
BV421-A :: CD3	0.09	0.00	0.00	0.03	0.13	0.05	100.00	17.79
BV510-A :: CD45	1.35	0.18	0.55	0.06	0.00	0.00	16.21	100.00

**Supplemental Table 4:** Multiparameter compensation setting for CD4 Treg panel ('CD4 Panel 2').

	Alexa Fluor 488-A :: CD25	PE-A :: CD4	Alexa Fluor 647-A :: CD127	BV421-A :: CD3	BV510-A :: CD45
Alexa Fluor 488-A :: CD25	100.00	4.84	0.00	0.00	0.26
PE-A :: CD4	2.41	100.00	0.07	0.00	0.02
Alexa Fluor 647-A :: CD127	0.00	0.00	100.00	0.00	0.00
BV421-A :: CD3	0.30	0.00	1.02	100.00	23.23
BV510-A :: CD45	1.11	0.12	0.00	12.58	100.00

**Supplemental Table 5.** Baseline leukocyte cell counts

	<b>Baseline cells counts (cells/<math>\mu</math>l [IQR])</b>
<b>Granulocytes</b>	
• <b>Neutrophils</b>	2669 [2030;3416]
• <b>Eosinophils</b>	245 [65;245]
<b>Monocytes</b>	
• <b>Monocytes classical</b>	177 [145;244.5]
• <b>Monocytes intermediate</b>	15 [9;25]
• <b>Monocytes non-classical</b>	21 [12;31]
<b>Lymphocytes</b>	
• <b>T cells</b>	802 [574;1104]
• <b>CD4<sup>+</sup> T cells</b>	489 [361;663]
• <b>Th1</b>	489 [361;663]
• <b>Th17</b>	26 [19;35]
• <b>Th17/Th1</b>	23 [12;38]
• <b>Th2</b>	26 [20;39]
• <b>Th22</b>	14 [10;20]
• <b>Th9</b>	47 [29;78]
• <b>Tregs</b>	32 [25;49]

**Supplemental Table 6.** Age-adjusted baseline characteristics for total population.

	1st Tertile (57-80 years)			2nd Tertile (81-85 years)			3rd Tertile (86-94 years)			P-value (3rd vs. 1st)
	Median	Q25	Q75	Median	Q25	Q75	Median	Q25	Q75	
Albumin (mg/dl)	4,40	4,00	4,40	4,15	3,80	4,40	4,05	3,85	4,30	<b>0,010</b>
CD4 <sup>+</sup> T cells (cells/ $\mu$ l)	583,70	438,23	772,15	456,67	383,00	569,66	476,16	334,27	744,51	<b>0,160</b>
CD8 <sup>+</sup> T cells (cells/ $\mu$ l)	224,62	149,91	406,84	156,79	91,84	238,62	237,83	111,69	359,12	<b>0,260</b>
Creatinine (mg/dl)	1,13	0,91	1,33	1,16	0,93	1,61	1,20	0,92	1,62	<b>0,839</b>
hsCRP (mg/dl)	0,35	0,16	0,79	0,29	0,15	0,69	0,31	0,15	0,91	<b>0,820</b>
Cystatin C (mg/dl)	1,50	1,25	1,78	1,47	1,22	1,74	1,50	1,26	2,09	<b>0,890</b>
EF (%)	60	55	65	60	45	60	60	48	63	<b>0,310</b>
eGFR	53,95	48,20	69,90	48,40	41,50	64,60	46,75	39,95	68,65	<b>0,694</b>
Eosinophils (cells/ $\mu$ l)	111,05	56,47	249,74	142,83	42,84	228,78	154,62	73,56	259,07	<b>0,360</b>
Erythrocytes (10 <sup>6</sup> cells/ $\mu$ l)	4,28	3,94	4,56	4,24	3,50	4,70	4,06	3,79	4,39	<b>0,770</b>
Granulocyte/Lymphocyte ratio	2,14	1,55	2,89	3,98	2,31	6,18	2,70	2,14	4,65	<b>0,050</b>
Granulocytes (cells/ $\mu$ l)	2424,67	2079,92	2890,98	2962,28	2602,92	4154,90	3005,44	1939,07	3855,74	<b>0,250</b>
Urea (mg/dl)	37,50	31,00	53,00	47,00	34,00	77,00	48,00	32,50	78,50	<b>0,220</b>
Haemoglobin (g/dl)	12,60	11,70	13,50	12,55	10,50	13,90	12,40	11,00	13,50	<b>0,790</b>
IL-6 (mg/dl)	6,05	3,40	9,00	7,60	4,50	13,00	7,35	3,80	12,85	<b>0,440</b>
Lactate (mmol/l)	16,60	8,27	19,79	15,40	13,44	18,79	12,45	10,69	16,36	<b>0,480</b>
Leukocytes (cells/ $\mu$ l)	4024,85	3500,53	4870,90	4244,04	3742,24	5342,67	4372,71	3529,34	5159,74	<b>0,700</b>
Lymphocytes (cells/ $\mu$ l)	1074,51	803,66	1289,45	760,24	661,28	875,77	959,92	609,12	1199,14	<b>0,231</b>
Monocytes total (cells/ $\mu$ l)	216,36	158,37	280,44	234,94	188,45	303,14	219,12	157,53	278,72	<b>0,970</b>
Monocytes classical (cells/ $\mu$ l)	161,00	118,52	193,34	178,70	153,46	236,67	181,47	122,61	234,84	<b>0,310</b>
Monocytes intermediate (cells/ $\mu$ l)	14,75	11,24	27,99	15,39	9,90	23,20	13,06	8,19	22,19	<b>0,570</b>
Monocytes non-classical (cells/ $\mu$ l)	23,01	11,00	44,12	22,33	13,54	41,45	19,23	12,21	27,83	<b>0,550</b>
Neutrophils (cells/ $\mu$ l)	2313,36	1828,42	2715,69	2760,23	2295,47	3922,31	2811,12	1788,89	3403,92	<b>0,260</b>
NT-proBNP (pg/ml)	1806	793	3010	2143	785	5348	2147	1302	5832	<b>0,330</b>
RDW (red cell distribution width, %)	13,70	13,10	15,00	14,00	13,20	14,90	13,45	13,05	14,35	<b>0,150</b>
T cells (cells/ $\mu$ l)	895	641	1167	709	591	1018	795	528	1040	<b>0,200</b>
Th1 (cells/ $\mu$ l)	94,50	77,35	128,68	61,21	43,43	82,36	79,97	56,07	142,89	<b>0,330</b>
Th17 (cells/ $\mu$ l)	29,16	20,91	35,47	26,78	22,22	34,98	21,18	14,94	30,72	<b>0,180</b>
Th17/Th1 (cells/ $\mu$ l)	36,05	17,11	56,45	20,77	12,58	29,43	19,33	10,59	39,56	<b>0,190</b>
Th2 (cells/ $\mu$ l)	27,53	22,88	35,12	24,96	22,07	43,44	26,31	17,83	35,11	<b>0,350</b>
Th22 (cells/ $\mu$ l)	14,95	10,18	18,94	14,92	11,36	22,12	11,23	7,46	17,17	<b>0,160</b>
Th9 (cells/ $\mu$ l)	57,49	38,47	92,14	44,90	28,76	67,22	42,02	21,36	69,34	<b>0,120</b>
Tregs (cells/ $\mu$ l)	31,91	25,88	56,19	33,50	27,02	39,91	30,04	24,70	49,66	<b>0,760</b>
hs-cTnT (pg/ml)	22,00	14,00	37,00	23,50	15,00	49,00	24,00	17,00	41,00	<b>0,290</b>

**Supplemental Table 7. Age-adjusted characteristics for survivors.**

	1st Tertile			2nd Tertile			3rd Tertile			P-value (3rd vs. 1st)
	Median	Q25	Q75	Median	Q25	Q75	Median	Q25	Q75	
Albumin (mg/dl)	4,40	4,20	4,50	4,20	3,80	4,30	4,15	4,00	4,30	0,000
CD4 <sup>+</sup> T cells (cells/ $\mu$ l)	580,24	433,85	784,81	453,33	383,00	540,34	511,27	383,62	792,44	0,670
CD8 <sup>+</sup> T cells (cells/ $\mu$ l)	217,31	149,91	320,24	159,00	108,00	238,62	245,91	111,69	359,12	0,630
Creatinine (mg/dl)	1,13	0,91	1,30	1,16	0,95	1,74	1,20	0,87	1,62	0,392
hsCRP (mg/dl)	0,35	0,15	0,79	0,20	0,07	0,44	0,22	0,13	0,74	0,620
Cystatin C (mg/dl)	1,48	1,25	1,77	1,43	1,13	1,65	1,50	1,26	2,03	0,990
EF (%)	60,00	60,00	65,00	60,00	50,00	60,00	60,00	50,00	62,50	0,170
eGFR	54,45	49,00	71,30	44,80	35,60	64,60	46,75	40,05	68,35	0,312
Eosinophils (cells/ $\mu$ l)	109,63	51,00	267,28	153,99	68,30	228,78	115,83	72,85	238,79	0,350
Erythrocytes (10 <sup>6</sup> cells/ $\mu$ l)	4,28	3,95	4,56	4,29	3,77	4,70	4,10	3,95	4,40	0,940
Granulocyte/Lymphocyte ratio	2,14	1,55	2,89	4,09	2,31	5,44	2,52	2,06	3,24	0,180
Granulocytes (cells/ $\mu$ l)	2489,56	2215,48	2890,98	2976,79	2615,84	4154,90	2745,40	1769,36	3541,70	0,200
Urea (mg/dl)	35,50	31,00	52,00	48,00	37,00	77,00	48,00	32,50	70,50	0,230
Haemoglobin (g/dl)	12,65	11,70	13,80	12,80	11,30	13,40	12,50	11,20	13,70	0,840
IL-6 (mg/dl)	6,05	3,40	9,30	5,60	4,00	9,20	6,70	3,65	8,75	0,740
Lactate (mmol/l)	16,60	8,27	19,79	16,03	13,79	18,79	12,72	10,69	17,00	0,600
Leukocytes (cells/ $\mu$ l)	4109,56	3648,55	4870,90	4061,54	3681,40	5342,67	4164,84	3282,58	5029,91	0,480
Lymphocytes (cells/ $\mu$ l)	1009,25	744,20	1268,65	764,40	671,18	813,41	995,09	653,34	1320,17	0,423
Monocytes total (cells/ $\mu$ l)	215,10	158,37	280,44	229,30	188,45	287,57	175,88	135,41	250,62	0,870
Monocytes classical (cells/ $\mu$ l)	159,00	118,52	193,34	177,46	153,75	236,67	151,02	109,20	210,44	0,520
Monocytes intermediate (cells/ $\mu$ l)	14,67	11,24	30,12	13,67	9,90	20,78	10,65	7,82	18,98	0,420
Monocytes non-classical (cells/ $\mu$ l)	23,86	11,00	44,12	21,01	13,54	24,72	18,15	11,40	26,71	0,410
Neutrophils (cells/ $\mu$ l)	2413,59	1870,69	2715,69	2836,60	2295,47	3922,31	2553,02	1552,32	3365,96	0,310
NT-proBNP (pg/ml)	1591,00	400,90	2776,00	1998,00	957,60	6384,00	2147,00	1302,00	5108,50	0,330
RDW (red cell distribution width, %)	13,60	12,90	15,00	14,10	13,20	14,60	13,25	13,00	13,80	0,140
T cells (cells/ $\mu$ l)	898,07	688,32	1155,14	686,33	594,26	767,03	880,15	580,95	1218,11	0,670
Th1 (cells/ $\mu$ l)	76,30	131,31	97,25	61,58	46,43	82,36	96,50	60,23	187,79	0,890
Th17 (cells/ $\mu$ l)	28,86	20,38	35,47	27,38	23,49	34,98	22,43	15,13	30,72	0,280
Th17/Th1 (cells/ $\mu$ l)	36,57	16,32	56,63	24,13	13,27	29,43	23,60	11,29	39,56	0,450
Th2 (cells/ $\mu$ l)	27,53	23,06	43,29	26,00	23,97	51,32	28,45	18,69	37,08	0,910
Th22 (cells/ $\mu$ l)	13,02	10,15	19,10	14,45	11,36	22,12	11,95	9,02	17,17	0,420
Th9 (cells/ $\mu$ l)	62,93	34,19	94,07	46,30	31,43	67,22	46,29	23,35	69,34	0,460
Tregs (cells/ $\mu$ l)	31,37	25,88	60,32	32,53	27,02	38,72	31,06	25,10	49,66	0,980
hs-cTnT (pg/ml)	20,50	13,00	37,00	24,00	15,00	35,00	24,00	17,00	40,00	0,240

**Supplemental Table 8.** Age-adjusted baseline for non-survivors.

	1st Tertile			2nd Tertile			3rd Tertile			P-value (3rd vs. 1st)
	Median	Q25	Q75	Median	Q25	Q75	Median	Q25	Q75	
Albumin (mg/dl)	3,85	3,70	4,15	3,90	3,70	4,40	3,85	3,60	3,95	<b>0,250</b>
CD4 <sup>+</sup> T cells (cells/ $\mu$ l)	617,15	510,35	659,30	510,21	394,11	578,26	256,52	180,96	432,30	<b>0,020</b>
CD8 <sup>+</sup> T cells (cells/ $\mu$ l)	341,64	209,23	605,42	86,69	83,84	170,74	172,73	89,03	372,26	<b>0,160</b>
Creatinine (mg/dl)	1,49	0,95	2,67	1,07	0,85	1,42	1,21	1,01	1,81	<b>0,235</b>
hsCRP (mg/dl)	0,49	0,18	1,24	0,69	0,56	0,99	1,16	0,45	2,39	<b>0,480</b>
Cystatin C (mg/dl)	2,02	1,27	3,17	1,69	1,55	1,95	1,68	1,11	2,24	<b>0,960</b>
EF (%)	35,00	27,50	47,50	60,00	40,00	65,00	52,50	40,00	62,50	<b>0,196</b>
eGFR	41,95	26,20	59,40	49,30	47,50	64,00	51,40	32,35	70,00	<b>0,740</b>
Eosinophils (cells/ $\mu$ l)	117,37	98,50	187,94	42,84	18,66	192,88	220,45	136,65	271,93	<b>0,960</b>
Erythrocytes (10 <sup>6</sup> cells/ $\mu$ l)	4,09	3,53	4,60	3,48	3,38	4,67	3,79	3,46	3,92	<b>0,320</b>
Granulocyte/Lymphocyte ratio	2,20	1,41	2,79	3,82	2,97	8,79	6,47	4,48	11,94	<b>0,080</b>
Granulocytes (cells/ $\mu$ l)	2101,18	1707,67	3009,38	2698,80	2602,92	3851,80	3855,74	3411,04	4492,43	<b>0,880</b>
Urea (mg/dl)	76,50	36,00	118,50	35,00	33,00	66,00	63,00	33,00	99,00	<b>0,960</b>
Haemoglobin (g/dl)	11,75	10,45	12,60	11,00	10,20	13,90	10,90	10,45	11,05	<b>0,170</b>
IL-6 (mg/dl)	5,65	4,15	7,60	10,50	9,40	13,60	17,00	9,60	81,20	<b>0,070</b>
Lactate (mmol/l)	14,93	9,53	21,91	14,11	12,71	16,63	12,45	10,56	14,34	<b>0,640</b>
Leukocytes (cells/ $\mu$ l)	3534,41	3215,44	5097,51	4426,54	3844,61	4705,03	4988,31	4246,17	5867,34	<b>0,650</b>
Lymphocytes (cells/ $\mu$ l)	1206,91	978,01	1328,40	706,84	592,74	875,77	671,56	327,85	978,50	<b>0,098</b>
Monocytes total (cells/ $\mu$ l)	223,69	126,14	267,53	249,36	233,10	315,77	295,35	259,18	389,61	<b>0,720</b>
Monocytes classical (cells/ $\mu$ l)	165,21	98,49	215,72	179,94	153,46	224,37	244,54	212,40	324,79	<b>0,400</b>
Monocytes intermediate (cells/ $\mu$ l)	20,25	8,71	26,91	25,08	23,11	29,60	23,91	16,87	36,10	<b>1,000</b>
Monocytes non-classical (cells/ $\mu$ l)	18,63	12,41	31,87	42,09	29,64	66,19	30,18	20,99	36,78	<b>0,960</b>
Neutrophils (cells/ $\mu$ l)	1930,83	1508,83	2899,61	2555,26	2499,92	3547,13	3578,09	3218,32	4266,54	<b>0,610</b>
NT-proBNP (pg/ml)	5208	1786	12599	2736	784,50	2776	14223	1148	37285	<b>0,110</b>
RDW (red cell distribution width, %)	15,25	13,90	16,20	13,90	13,60	14,90	15,55	14,35	16,95	<b>0,670</b>
T cells (cells/ $\mu$ l)	1076,49	865,71	1249,94	587,14	506,61	808,54	574,11	282,16	873,53	<b>0,040</b>
Th1 (cells/ $\mu$ l)	83,94	78,01	96,30	60,85	41,42	82,08	46,81	33,28	64,73	<b>0,030</b>
Th17 (cells/ $\mu$ l)	31,96	25,50	37,62	26,17	18,37	27,78	15,98	11,33	38,10	<b>0,510</b>
Th17/Th1 (cells/ $\mu$ l)	27,17	17,97	37,60	15,52	7,28	17,82	11,33	6,20	56,53	<b>0,230</b>
Th2 (cells/ $\mu$ l)	28,36	21,95	34,70	23,65	21,66	24,23	19,99	15,19	25,81	<b>0,080</b>
Th22 (cells/ $\mu$ l)	16,85	14,92	17,84	15,39	13,77	18,85	6,07	3,51	15,76	<b>0,330</b>
Th9 (cells/ $\mu$ l)	51,98	44,63	71,84	28,41	26,86	45,89	22,86	13,43	95,07	<b>0,080</b>
Tregs (cells/ $\mu$ l)	36,45	27,21	45,29	35,23	35,04	41,37	16,38	12,14	48,18	<b>0,440</b>
hs-cTnT (pg/ml)	37,50	27,00	48,00	22,00	20,00	49,00	31,50	16,00	63,00	<b>0,610</b>

**Supplemental Table 9.** Correlation matrix (Spearman rank coefficients) for serum cytokine levels (n=80).

		IL4	CXCL10	IL-2	IL-1b	TNF-alpha	CCL2 (MCP-1)	IL-17A	IL-6	IL-10	INF-gamma	IL-12p70	IL-8	Free Active TGF-β2
IL4	Correlation Coefficient	1,000	0,184	0,013	0,219	,251 <sup>†</sup>	-0,171	0,071	,260 <sup>†</sup>	-0,013	,248 <sup>†</sup>	-0,089	0,106	0,135
	Sig. (2-tailed)		0,103	0,907	0,051	0,025	0,129	0,530	0,020	0,906	0,026	0,433	0,351	0,233
CXCL10	Correlation Coefficient	0,184	1,000	0,166	,298 <sup>***</sup>	,263 <sup>**</sup>	,297 <sup>**</sup>	0,007	,505 <sup>***</sup>	,287 <sup>**</sup>	0,155	-,273 <sup>**</sup>	,280 <sup>**</sup>	,256 <sup>**</sup>
	Sig. (2-tailed)	0,103		0,141	0,007	0,018	0,007	0,950	0,000	0,010	0,169	0,014	0,012	0,022
IL-2	Correlation Coefficient	0,013	0,166	1,000	,510 <sup>***</sup>	,329 <sup>**</sup>	-0,061	0,132	,384 <sup>**</sup>	0,060	0,145	0,055	,438 <sup>***</sup>	0,007
	Sig. (2-tailed)	0,907	0,141		0,000	0,003	0,591	0,242	0,000	0,598	0,199	0,631	0,000	0,951
IL-1b	Correlation Coefficient	0,219	,298 <sup>***</sup>	,510 <sup>***</sup>	1,000	,434 <sup>**</sup>	0,114	0,193	,450 <sup>***</sup>	0,081	0,075	-0,109	,536 <sup>***</sup>	0,122
	Sig. (2-tailed)	0,051	0,007	0,000		0,000	0,312	0,086	0,000	0,477	0,510	0,334	0,000	0,281
TNF-alpha	Correlation Coefficient	,251 <sup>†</sup>	,263 <sup>**</sup>	,329 <sup>**</sup>	,434 <sup>**</sup>	1,000	-0,037	0,190	,482 <sup>**</sup>	0,153	-0,042	-0,162	,383 <sup>**</sup>	0,084
	Sig. (2-tailed)	0,025	0,018	0,003	0,000		0,746	0,091	0,000	0,175	0,708	0,150	0,000	0,458
CCL2 (MCP-1)	Correlation Coefficient	-0,171	,297 <sup>**</sup>	-0,061	0,114	-0,037	1,000	0,032	0,113	,247 <sup>†</sup>	-0,024	-0,045	0,130	,366 <sup>**</sup>
	Sig. (2-tailed)	0,129	0,007	0,591	0,312	0,746		0,778	0,316	0,027	0,831	0,692	0,251	0,001
IL-17A	Correlation Coefficient	0,071	0,007	0,132	0,193	0,190	0,032	1,000	0,076	0,200	0,199	-0,032	0,110	0,011
	Sig. (2-tailed)	0,530	0,950	0,242	0,086	0,091	0,778		0,502	0,076	0,077	0,781	0,329	0,921
IL-6	Correlation Coefficient	,260 <sup>†</sup>	,505 <sup>***</sup>	,384 <sup>**</sup>	,450 <sup>***</sup>	,482 <sup>**</sup>	0,113	0,076	1,000	,241 <sup>†</sup>	0,156	-0,147	,395 <sup>**</sup>	0,089
	Sig. (2-tailed)	0,020	0,000	0,000	0,000	0,000	0,316	0,502		0,031	0,166	0,192	0,000	0,433
IL-10	Correlation Coefficient	-0,013	,287 <sup>**</sup>	0,060	0,081	0,153	,247 <sup>†</sup>	0,200	,241 <sup>†</sup>	1,000	0,196	0,020	0,158	,227 <sup>†</sup>
	Sig. (2-tailed)	0,906	0,010	0,598	0,477	0,175	0,027	0,076	0,031		0,081	0,858	0,161	0,043
INF-gamma	Correlation Coefficient	,248 <sup>†</sup>	0,155	0,145	0,075	-0,042	-0,024	0,199	0,156	0,196	1,000	0,093	0,168	0,120
	Sig. (2-tailed)	0,026	0,169	0,199	0,510	0,708	0,831	0,077	0,166	0,081		0,413	0,137	0,288
IL-12p70	Correlation Coefficient	-0,089	-,273 <sup>**</sup>	0,055	-0,109	-0,162	-0,045	-0,032	-0,147	0,020	0,093	1,000	0,001	0,154
	Sig. (2-tailed)	0,433	0,014	0,631	0,334	0,150	0,692	0,781	0,192	0,858	0,413		0,995	0,173
IL-8	Correlation Coefficient	0,106	,280 <sup>**</sup>	,438 <sup>***</sup>	,536 <sup>***</sup>	,383 <sup>**</sup>	0,130	0,110	,395 <sup>**</sup>	0,158	0,168	0,001	1,000	0,149
	Sig. (2-tailed)	0,351	0,012	0,000	0,000	0,000	0,251	0,329	0,000	0,161	0,137	0,995		0,186
Free Active TGF-β2	Correlation Coefficient	0,135	,256 <sup>**</sup>	0,007	0,122	0,084	,366 <sup>**</sup>	0,011	0,089	,227 <sup>†</sup>	0,120	0,154	0,149	1,000
	Sig. (2-tailed)	0,233	0,022	0,951	0,281	0,458	0,001	0,921	0,433	0,043	0,288	0,173	0,186	

**Supplemental Table 10.** Correlations between monocyte subset counts and cytokine levels (Spearman, n=80).

		IL4	CXCL10	IL-2	IL-1b	TNF-alpha	CCL2 (MCP-1)	IL-17A	IL-6	IL-10	INF-gamma	IL-12p70	IL-8	Free Active TGF-β2
Monocytes classical (cell/μl) pre TAVI	Correlation Coefficient	0,060	0,191	0,135	0,038	0,020	-0,093	-0,046	0,176	0,038	,224 <sup>†</sup>	-0,046	-0,140	0,076
	Sig. (2-tailed)	0,597	0,090	0,231	0,737	0,862	0,412	0,686	0,118	0,735	0,046	0,683	0,214	0,505
Monocytes intermediate (cell/μl) pre TAVI	Correlation Coefficient	0,126	,385 <sup>***</sup>	0,168	0,218	0,109	0,019	0,097	,292 <sup>**</sup>	0,128	0,129	-0,118	0,031	0,195
	Sig. (2-tailed)	0,265	0,000	0,135	0,052	0,337	0,865	0,391	0,009	0,257	0,255	0,299	0,787	0,083
Monocytes non-classical (cell/μl) pre TAVI	Correlation Coefficient	0,043	,317 <sup>**</sup>	,257 <sup>**</sup>	,258 <sup>**</sup>	0,112	0,025	0,097	0,141	0,028	0,098	-0,108	0,041	0,117
	Sig. (2-tailed)	0,708	0,004	0,021	0,021	0,321	0,823	0,390	0,211	0,803	0,387	0,340	0,719	0,303
Monocytes classical (cell/μl) post TAVI	Correlation Coefficient	-0,072	0,096	0,005	0,038	0,131	-0,134	-0,020	0,186	0,140	0,007	-0,048	-0,092	-0,120
	Sig. (2-tailed)	0,528	0,399	0,966	0,736	0,246	0,234	0,857	0,098	0,215	0,951	0,673	0,416	0,288
Monocytes intermediate (cell/μl) post TAVI	Correlation Coefficient	-0,033	,274 <sup>**</sup>	-0,020	0,184	,239 <sup>**</sup>	-0,018	0,029	,275 <sup>**</sup>	,240 <sup>†</sup>	-0,046	-0,133	0,013	0,083
	Sig. (2-tailed)	0,769	0,014	0,862	0,103	0,032	0,877	0,801	0,014	0,032	0,683	0,240	0,912	0,466
Monocytes non-classical (cell/μl) post TAVI	Correlation Coefficient	-0,059	,279 <sup>**</sup>	0,006	0,160	,230 <sup>**</sup>	-0,013	-0,063	0,103	0,153	-0,064	-0,195	-0,004	0,000
	Sig. (2-tailed)	0,602	0,012	0,959	0,156	0,040	0,906	0,578	0,361	0,175	0,573	0,083	0,973	0,997

**Supplemental Table 11.** Correlations between T-cell subsets and cytokine levels (Spearman, n=80).

		IL4	CXCL10	IL-2	IL-1b	TNF-alpha	CCL2 (MCP-1)	IL-17A	IL-6	IL-10	INF-gamma	IL-12p70	IL-8	Free Active TGF-β2
Th1 %CD4 pre TAVI	Correlation Coefficient	0,165	-0,028	-0,005	0,108	0,126	-0,126	-0,064	0,058	0,034	0,061	-0,057	0,123	0,011
	Sig. (2-tailed)	0,144	0,808	0,965	0,342	0,267	0,265	0,574	0,608	0,763	0,593	0,614	0,276	0,920
Th2 %CD4 pre TAVI	Correlation Coefficient	,265	-0,030	-0,112	0,036	0,060	0,039	0,044	0,055	,230	0,027	0,072	0,054	0,024
	Sig. (2-tailed)	0,018	0,793	0,323	0,752	0,596	0,729	0,696	0,628	0,041	0,811	0,526	0,632	0,836
Th9 %CD4 pre TAVI	Correlation Coefficient	-0,090	-,283	-0,194	-0,216	-0,193	0,106	0,130	-0,121	,243	0,068	,250	-0,167	-0,060
	Sig. (2-tailed)	0,425	0,011	0,084	0,055	0,086	0,349	0,252	0,286	0,030	0,549	0,025	0,139	0,595
Th17 %CD4 pre TAVI	Correlation Coefficient	-0,094	-0,146	-0,019	-0,051	-0,070	0,102	,229	0,176	,220	0,061	0,157	-0,055	-0,133
	Sig. (2-tailed)	0,409	0,196	0,869	0,652	0,535	0,367	0,041	0,118	0,050	0,588	0,165	0,625	0,240
Th22 %CD4 pre TAVI	Correlation Coefficient	-0,025	-0,045	-0,098	-0,033	-0,140	0,196	0,139	0,076	0,056	0,063	0,118	-0,084	-0,048
	Sig. (2-tailed)	0,823	0,689	0,386	0,772	0,217	0,082	0,219	0,505	0,624	0,577	0,298	0,461	0,673
Th17/Th1 %CD4 pre TAVI	Correlation Coefficient	-0,099	-,278	-0,187	-0,162	-0,134	0,036	0,095	-0,132	,238	0,096	0,209	-0,130	-0,053
	Sig. (2-tailed)	0,383	0,012	0,096	0,152	0,234	0,749	0,401	0,242	0,033	0,396	0,062	0,250	0,643
Tregs %CD4 pre TAVI	Correlation Coefficient	-0,122	0,005	-0,054	-0,049	-0,136	0,077	0,180	0,005	0,126	-0,059	-0,035	-0,163	-0,119
	Sig. (2-tailed)	0,285	0,964	0,637	0,671	0,232	0,502	0,112	0,966	0,267	0,606	0,762	0,152	0,295