

SUPPLEMENTARY TABLE: The average mean values of tear cytokines and proteins in diseased and control eyes

Pro-inflammatory Cytokines						
Name of the analyte	Average mean				Fold change (FC)	LOG2.FC
	D	C	DC			
HGF (pg/ml)	1664.36868	301.9174066	1155.45024	D - C == 0	5.51266222	2.46274921
				D - DC == 0	1.44045033	0.52651991
				DC - C == 0	3.82704082	1.93622929
VEGF.A (pg/ml)	4293.83568	631.3669586	3539.22956	D - C == 0	6.80085587	2.76571632
				D - DC == 0	1.21321197	0.27883164
				DC - C == 0	5.60566168	2.48688467
sPECAM1 (pg/ml)	1182.58526	510.7203797	572.892213	D - C == 0	2.31552393	1.21133866
				D - DC == 0	2.06423692	1.04560857
				DC - C == 0	1.12173361	0.1657301
VEGFR2 (pg/ml)	6567.64921	3068.616005	3156.51347	D - C == 0	2.14026427	1.09778895
				D - DC == 0	2.08066567	1.05704516
				DC - C == 0	1.02864401	0.04074378
sVEGFR1 (pg/ml)	5206.43714	3297.700331	3814.209	D - C == 0	1.57880845	0.65883614
				D - DC == 0	1.36501097	0.44891255
				DC - C == 0	1.15662693	0.20992359
MMP2 (pg/ml)	2070.66567	2641.940175	2557.27991	D - C == 0	0.78376706	-0.3515032
				D - DC == 0	0.80971413	-0.3045154
				DC - C == 0	0.96795527	-0.0469877
MMP9 (pg/ml)	161617.49	516.4189057	8573.16121	D - C == 0	312.95812	8.2898258
				D - DC == 0	18.8515632	4.23661225
				DC - C == 0	16.6011761	4.05321355
CRP (ng/ml)	11.4207719	1.7583191	6.8428196	D - C == 0	6.49527832	2.69939135
				D - DC == 0	1.66901549	0.73899735
				DC - C == 0	3.89168246	1.960394
PAI (pg/ml)	386.934645	58.75793038	200.284465	D - C == 0	6.58523271	2.71923442
				D - DC == 0	1.9319254	0.95003938
				DC - C == 0	3.40863717	1.76919504
MCP.1 (pg/ml)	516.142996	86.41222141	342.636603	D - C == 0	5.97303238	2.57846354
				D - DC == 0	1.50638604	0.59109154
				DC - C == 0	3.96514054	1.987372
MIP.1b (pg/ml)	85.7363768	68.79967554	70.6689174	D - C == 0	1.24617415	0.31750569
				D - DC == 0	1.21321197	0.27883164
				DC - C == 0	1.02716934	0.03867405
GM.CSF (pg/ml)	11.2648055	11.4236994	10.0973516	D - C == 0	0.98609085	-0.0202075
				D - DC == 0	1.11561981	0.15784546
				DC - C == 0	0.88389507	-0.178053
IL.1a (pg/ml)	30.8053851	16.19519775	28.3137734	D - C == 0	1.90213084	0.92761648
				D - DC == 0	1.08799999	0.12167854
				DC - C == 0	1.74828204	0.80593795
IL.1b (ng/ml)	10.9312613	8.686853367	7.82567659	D - C == 0	1.25836834	0.33155428
				D - DC == 0	1.39684552	0.48217248

				DC - C == 0	0.90086436	-0.1506182
IL.17A (pg/ml)	14.6983634	13.38961804	10.6880474	D - C == 0	1.0977433	0.13454072
				D - DC == 0	1.37521503	0.45965722
				DC - C == 0	0.79823393	-0.3251165

IL.6 (pg/ml)	108.418828	29.79123273	73.9498398	D - C == 0	3.63928638	1.86365558
				D - DC == 0	1.46611308	0.55199639
				DC - C == 0	2.48226854	1.3116592
PDGF.AA (pg/ml)	401.369854	203.469823	322.720196	D - C == 0	1.97262595	0.98011742
				D - DC == 0	1.24370851	0.31464839
				DC - C == 0	1.58608383	0.66546903
PDGF.AB.BB (pg/ml)	183.455837	153.4765106	149.031155	D - C == 0	1.19533495	0.25741494
				D - DC == 0	1.23098984	0.29981885
				DC - C == 0	0.9710356	-0.0424039
TNFa (pg/ml)	20.9022994	22.35095382	21.7349168	D - C == 0	0.93518601	-0.0966747
				D - DC == 0	0.96169217	-0.0563529
				DC - C == 0	0.972438	-0.0403218
angiopoietin.2 (pg/ml)	839.482855	2877.819504	996.946411	D - C == 0	0.29170796	-1.7774033
				D - DC == 0	0.84205414	-0.2480151
				DC - C == 0	0.34642423	-1.5293882
Endothelin (pg/ml)	108.144541	101.1491633	108.862295	D - C == 0	1.06915903	0.09647645
				D - DC == 0	0.99340677	-0.0095435
				DC - C == 0	1.07625502	0.10601997

Anti-inflammatory Cytokines

IL.10 (pg/ml)	24.8695071	29.57578333	31.1750579	D - C == 0	0.840874	-0.2500385
				D - DC == 0	0.79773732	-0.3260143
				DC - C == 0	1.05407379	0.07597586
IL.13 (pg/ml)	33.9278928	31.78748251	28.6463727	D - C == 0	1.067335	0.09401307
				D - DC == 0	1.1843696	0.24411936
				DC - C == 0	0.90118406	-0.1501063
RBP4 (ng/ml)	59.2045123	1.469917618	7.07646629	D - C == 0	40.2774357	5.33189993
				D - DC == 0	8.36639502	3.06460612
				DC - C == 0	4.81419245	2.26729381
IL.1RA (pg/ml)	1373.8403	1495.574409	1301.59241	D - C == 0	0.91860378	-0.1224854
				D - DC == 0	1.05550731	0.07793657
				DC - C == 0	0.87029599	-0.2004219
vWF(ng/ml)	15.7279571	15.16125191	12.9103362	D - C == 0	1.03737852	0.0529424
				D - DC == 0	1.21824535	0.28480472
				DC - C == 0	0.85153497	-0.2318623
sTie2 (pg/ml)	6031.23924	5275.567221	5007.13685	D - C == 0	1.14323996	0.19312824
				D - DC == 0	1.20452854	0.26846858
				DC - C == 0	0.9491182	-0.0753403
TSP2 (pg/ml)	23470.6303	12651.43556	16798.391	D - C == 0	1.85517526	0.89155549
				D - DC == 0	1.39719514	0.48253353
				DC - C == 0	1.32778537	0.40902196
G.CSF (pg/ml)	1709.78509	965.4406969	604.387729	D - C == 0	2.82895402	1.50026873
				D - DC == 0	1.77098925	0.82455545
				DC - C == 0	0.62602264	-0.6757133
TIMP1 (ng/ml)	14187.5378	12442.03577	8697.50587	D - C == 0	1.14029071	0.18940168
				D - DC == 0	1.63121911	0.70595058

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sVCAM1 (ng/ml)	1.27714195	0.633236867	1.27777384	D - C == 0	2.01684712	1.01210173
				D - DC == 0	0.99950548	-0.0007136
				DC - C == 0	2.01784499	1.01281535

p-value
0.000723
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1.00
0.0119
0.39270
0.1892
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0.0399
1.00
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0.0883
0.0411
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1.0000
0.8290
1.0000
0.00001
0.000002
1.0000
0.0083
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1.0000
0.0103
0.2419
0.6645
0.0560
0.0786
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0.7150
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0.0036

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