

	Neutrophils	Neutrophils vs. Rrs 12.5mg/ml	Neutrophils vs. Rrs 25mg/ml	Neutrophils vs. Rrs 50mg/ml	Neutrophils vs. Rn 12.5mg/ml	Neutrophils vs. Rn 25mg/ml	Neutrophils vs. Rn 50mg/ml	Neutrophils vs. Total cells	Neutrophils vs. Macrophages	Neutrophils vs. Eosinophils	Neutrophils vs. Lymphocytes	Neutrophils vs. BALF IL-1 (pg/ml)	Neutrophils vs. BALF CXCL5 (pg/ml)	Neutrophils vs. BALF CXCL15 (pg/ml)	Neutrophils vs. TNF-α (pg/ml)	Neutrophils vs. Tet1 qPCR	Neutrophils vs. IL13 qPCR	Neutrophils vs. IL33 qPCR	Neutrophils vs. IL17a qPCR	Neutrophils vs. IL17f qPCR
Spearman r		-0.003436	0.2824	0.2309	0.1264	0.2659	-0.06322	0.9401	0.817	0.9655	0.7702	0.09005	0.7822	0.6215	0.6885	-0.5326	0.4731	0.0606	0.841	0.639
95% confidence interval		-0.4455 to 0.4400	-0.1832 to 0.6446	-0.2360 to 0.6112	-0.3350 to 0.5390	-0.2004 to 0.6340	-0.4922 to 0.3604	0.8638 to 0.9742	0.6154 to 0.9183	0.9204 to 0.9853	0.5304 to 0.8959	-0.3274 to 0.4781	0.5162 to 0.8920	0.2888 to 0.8203	0.2780 to 0.8894	-0.8058 to -0.07269	-0.006951 to 0.7759	-0.4304 to 0.5239	0.6066 to 0.9409	0.2311 to 0.8558
P value																				
P (two-tailed)		0.9882	0.2148	0.3139	0.585	0.2439	0.7854	<0.0001	<0.0001	<0.0001	<0.0001	0.6686	<0.0001	0.0009	0.0044	0.0229	0.0474	0.8112	<0.0001	0.0043
P value summary	ns	ns	ns	ns	ns	ns	ns	***	***	***	***	ns	***	***	***	***	ns	***	***	***
Exact or approximate P value?	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Exact	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate
Significant? (alpha = 0.05)	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Number of XY Pairs		21	21	21	21	21	21	25	25	25	25	25	25	25	25	16	18	18	18	18

	Rrs 50mg/ml	Rrs 50mg/ml vs. Total cells	Rrs 50mg/ml vs. Macrophages	Rrs 50mg/ml vs. Eosinophils	Rrs 50mg/ml vs. Neutrophils	Rrs 50mg/ml vs. Lymphocytes	Rrs 50mg/ml vs. BALF IL-1 (pg/ml)	Rrs 50mg/ml vs. BALF CXCL5 (pg/ml)	Rrs 50mg/ml vs. BALF CXCL15 (pg/ml)	Rrs 50mg/ml vs. TNF-α (pg/ml)	Rrs 50mg/ml vs. Tet1 qPCR	Rrs 50mg/ml vs. IL13 qPCR	Rrs 50mg/ml vs. IL33 qPCR	Rrs 50mg/ml vs. IL17a qPCR	Rrs 50mg/ml vs. IL17f qPCR	Rrs 50mg/ml vs. Cxcl5 qPCR	Rrs 50mg/ml vs. Cxcl15 qPCR	Rrs 50mg/ml vs. IL1b qPCR	Rrs 50mg/ml vs. IL6 qPCR	Rrs 50mg/ml vs. Tet2 qPCR
Spearman r		0.2923	0.404	0.1539	0.2309	0.3364	0.1282	0.4444	0.3032	0.4752	-0.2765	0.2765	0.04706	0.2441	0.2676	0.3088	-0.09118	0.3853	0.3735	-0.05
r		-0.1728 to 0.6508	-0.04714 to 0.7183	-0.3099 to 0.5586	-0.2360 to 0.6112	-0.1250 to 0.6781	-0.3222 to 0.5312	0.01474 to 0.7355	-0.1488 to 0.6504	-0.09134 to 0.8094	-0.6877 to 0.2690	-0.2690 to 0.6877	-0.4719 to 0.5418	-0.3009 to 0.6689	-0.2778 to 0.6826	-0.2359 to 0.7059	-0.5724 to 0.4368	-0.1522 to 0.7469	-0.1656 to 0.7408	-0.5439 to 0.4697
95% confidence interval																				
P value																				
P (two-tailed)		0.1985	0.0693	0.5053	0.3139	0.136	0.5697	0.0383	0.1701	0.0877	0.299	0.299	0.8651	0.3609	0.3152	0.244	0.7379	0.1414	0.1548	0.8565
P value summary	ns	ns	ns	ns	ns	ns	*	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Exact or approximate P value?	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Exact	Exact	Exact	Exact	Exact	Exact	Exact	Exact	Exact	Exact	Exact	Exact
Significant? (alpha = 0.05)	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No
Number of XY Pairs		21	21	21	21	21	22	22	22	14	16	16	16	16	16	16	16	16	16	16

	Rn 50mg/ml	Rn 50mg/ml vs. Total cells	Rn 50mg/ml vs. Macrophages	Rn 50mg/ml vs. Eosinophils	Rn 50mg/ml vs. Neutrophils	Rn 50mg/ml vs. Lymphocytes	Rn 50mg/ml vs. BALF IL-1 (pg/ml)	Rn 50mg/ml vs. BALF CXCL5 (pg/ml)	Rn 50mg/ml vs. BALF CXCL15 (pg/ml)	Rn 50mg/ml vs. TNF-α (pg/ml)	Rn 50mg/ml vs. Tet1 qPCR	Rn 50mg/ml vs. IL13 qPCR	Rn 50mg/ml vs. IL33 qPCR	Rn 50mg/ml vs. IL17a qPCR	Rn 50mg/ml vs. IL17f qPCR	Rn 50mg/ml vs. Cxcl5 qPCR	Rn 50mg/ml vs. Cxcl15 qPCR	Rn 50mg/ml vs. IL1b qPCR	Rn 50mg/ml vs. IL6 qPCR	Rn 50mg/ml vs. Tet2 qPCR
Spearman r		0.003248	0.1565	-0.1278	-0.06322	0.05844	-0.01637	0.2727	0.1609	0.176	-0.1	-0.09706	0.1	0.1206	0.1324	0.1265	-0.05294	0.4176	0.2029	-0.09118
r		-0.4401 to 0.4453	-0.3075 to 0.5604	-0.5400 to 0.3338	-0.4922 to 0.3904	-0.3945 to 0.4885	-0.4457 to 0.4191	-0.1811 to 0.6308	-0.2919 to 0.5548	-0.4058 to 0.6563	-0.5784 to 0.4295	-0.5784 to 0.4320	-0.4295 to 0.5784	-0.4124 to 0.5921	-0.4024 to 0.5998	-0.4074 to 0.5959	-0.5480 to 0.4674	-0.1143 to 0.7635	-0.3398 to 0.6443	-0.5724 to 0.4368
95% confidence interval																				
P value																				
P (two-tailed)		0.9889	0.498	0.5808	0.7854	0.8013	0.9423	0.2195	0.4743	0.5446	0.7132	0.7213	0.7132	0.6564	0.6248	0.6405	0.8479	0.1089	0.4496	0.7379
P value summary	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Exact or approximate P value?	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Approximate	Exact	Exact	Exact	Exact	Exact	Exact	Exact	Exact	Exact	Exact	Exact	Exact
Significant? (alpha = 0.05)	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Number of XY Pairs		21	21	21	21	21	22	22	22	14	16	16	16	16	16	16	16	16	16	16

(DEP groups only)		
	IL17a qPCR vs. Rn 50mg/ml	
Spearman r		0.7381
r		
95% confidence interval		
P value		
P (two-tailed)	0.0458	
P value summary	*	
Exact or approximate P value?	Exact	
Significant? (alpha = 0.05)	Yes	
Number of XY Pairs		8

Summary		
Correlation	P	r
Neutrophils vs. Total cells	<0.0001	0.9401
Neutrophils vs. Macrophages	<0.0001	0.817
Neutrophils vs. Eosinophils	<0.0001	0.9655
Neutrophils vs. Lymphocytes	<0.0001	0.7702
Neutrophils vs. BALF CXCL5 protein	<0.0001	0.7622
Neutrophils vs. BALF CXCL15 protein	0.0009	0.6215
Neutrophils vs. BALF TNFA protein	0.0044	0.6885
Neutrophils vs. TET1 qPCR	0.0229	-0.5326
Neutrophils vs. IL13 qPCR	0.0474	0.4731
Neutrophils vs. IL17a qPCR	<0.0001	0.841
Neutrophils vs. IL17f qPCR	0.0043	0.639
Neutrophils vs. CXCL5 qPCR	0.0027	0.6624
Rrs 50mg/ml vs. BALF CXCL5 protein	0.0383	0.4444

	IL17a qPCR vs. BALF CXCL5 (pg/ml)	IL17a qPCR vs. Cxcl5 qPCR
Spearman r		0.6271
r	0.7053	
95% confidence interval	0.3699 to 0.8	0.2422 to 0.8414
P value		
P (two-tailed)	0.0005	0.0031
P value summary	***	***
Exact or approximate P value?	Approximate	Approximate
Significant? (alpha = 0.05)	Yes	Yes
Number of XY Pairs	20	20