Table S4. Changes in the immune cell composition cytokine concentrations in murine lung tissue in response to inhalation with antigen of *Pantoea agglomerans* and/or vitamin D3 metabolites. Flow cytometry data are presented as a median of percentage of all immune cells

	Main control 0 days	**Control 0 days**	**SE-PA 14 days**	**SE-PA 28 days**	**25(OH)-VD3 14 days**	**25(OH)-VD3 28 days**	**1,25(OH)2-VD3 14 days**	**1,25(OH)2-VD3 28 days**	**SE-PA+ 25(OH)-VD3 14 days**	**SE-PA+ 25(OH)-VD3 28 days**	**SE-PA+ 1,25(OH)2-VD3 14 days**	**SE-PA+ 1,25(OH)2-VD3 28 days**
Macrophages [%]	18.80	7.190	14.55	27.47	12.86	8.94	10.30	9.26	12.56	11.12	14.68	14.30
Neutrophils [%]	6.27	3.71	16.37	34.47	4.47	4.34	6.13	5.90	10.53	8.68	9.08	5.19
Dendritic cells [%]	6.05	2.90	13.72	9.20	2.24	1.80	2.32	1.70	6.91	8.26	5.65	4.95
Lymphocytes Tc [%]	6.64	4.24	6.15	9.36	2.15	3.61	3.93	4.07	6.23	4.82	5.43	5.79
Lymphocytes Th [%]	6.89	2.88	5.12	11.23	3.52	2.28	2.70	2.43	3.85	5.72	4.41	5.57
Lymphocytes B [%]	0.36	0.19	1.01	0.87	0.05	0.44	0.30	0.35	0.50	0.84	0.36	0.49
Lymphocytes Th1 [%]	0.37	0.21	0.58	1.39	0.13	0.06	0.18	0.67	0.58	0.35	0.29	0.35
Lymphocytes Th2 [%]	0.06	0.08	0.46	0.57	0.05	0.03	0.06	0.69	0.81	0.15	0.25	0.21
Lymphocytes Treg [%]	0.02	0.02	0.31	0.46	0.17	0.00	0.05	0.04	0.25	0.70	0.72	0.60