

Additional file 7: Phenotype of blood antigen presenting cells in asthmatic patients prone to re-infection at steady state. Patients only infected during the exacerbation (V+V-) were compared to those infected during both periods (V+V+). The upper and the lower parts show the data collected in conventional and plasmacytoid DC (cDC and pDC, respectively) as well as in monocytes during the exacerbation and at steady state, respectively. Results are expressed as median of fluorescence intensity (MFI) [interquartile range (IQR)].

*: indicates a statistical significance between the 2 groups ($p < 0.05$). ^{1,2,3} indicate an absolute standardized difference greater than 0.2, 0.5 and 0.8 respectively

Exacerbation		cDC		pDC		Monocyte	
		V+ V-	V+ V+	V+ V-	V+ V+	V+ V-	V+ V+
CD86	Median	9	10	9	6¹	9	9
	<i>[IQR]</i>	<i>[5-15]</i>	<i>[6-13]</i>	<i>[5-26]</i>	<i>[4-21]</i>	<i>[5-13]</i>	<i>[6-12]</i>
HLA-DR	Median	29	40¹	21	42¹	14	23¹
	<i>[IQR]</i>	<i>[14-66]</i>	<i>[21-86]</i>	<i>[11-47]</i>	<i>[9-109]</i>	<i>[9-31]</i>	<i>[11-42]</i>
TLR3	Median	25	53 *²	31	48 *³	59	111 *³
	<i>[Interquartile range]</i>	<i>[17-38]</i>	<i>[22-123]</i>	<i>[15-41]</i>	<i>[36-85]</i>	<i>[38-84]</i>	<i>[65-175]</i>
RIGI	Median	60	74¹	55	64 *²	75	130²
	<i>[IQR]</i>	<i>[35-90]</i>	<i>[40-200]</i>	<i>[31-63]</i>	<i>[40-97]</i>	<i>[49-126]</i>	<i>[95-150]</i>
MDA5	Median	48	74¹	34	60¹	69	102²
	<i>[IQR]</i>	<i>[17-84]</i>	<i>[50-92]</i>	<i>[11-61]</i>	<i>[11-80]</i>	<i>[31-102]</i>	<i>[59-404]</i>
Steady State		cDC		pDC		Monocyte	
		V+ V-	V+ V+	V+ V-	V+ V+	V+ V-	V+ V+
CD86	Median	10	8	9	6	12	9
	<i>[IQR]</i>	<i>[7-13]</i>	<i>[5-16]</i>	<i>[5-25]</i>	<i>[4-28]</i>	<i>[6-13]</i>	<i>[6-14]</i>
HLA-DR	Median	35	48¹	21	26¹	24	38²
	<i>[IQR]</i>	<i>[29-48]</i>	<i>[33-86]</i>	<i>[11-42]</i>	<i>[13-101]</i>	<i>[17-42]</i>	<i>[1-70]</i>
TLR3	Median	33	51²	39	48¹	77	117 *³
	<i>[IQR]</i>	<i>[18-50]</i>	<i>[24-75]</i>	<i>[23-49]</i>	<i>[31-60]</i>	<i>[64-90]</i>	<i>[80-198]</i>
RIGI	Median	53	63	35	48	95	96
	<i>[IQR]</i>	<i>[30-85]</i>	<i>[33-85]</i>	<i>[27-50]</i>	<i>[26-69]</i>	<i>[69-130]</i>	<i>[76-150]</i>
MDA5	Median	43	54	28	43¹	87	71¹
	<i>[IQR]</i>	<i>[26-83]</i>	<i>[28-79]</i>	<i>[15-42]</i>	<i>[25-72]</i>	<i>[59-134]</i>	<i>[53-168]</i>