

**Supplemental Table S3:** Multivariable analysis for T cell count and cytokine level comparisons between POAG and control subjects adjusted for race. Reference category for all analyses is the control group.

	$\beta$ -coefficient	Upper Bound	Lower Bound	P-value
<b>Non-stimulated T cell</b>				
Non-stimulated Th1 cells (%) [n= 23 controls and 26 POAG])	-1.9	-5.7	2.0	0.33
Non-stimulated Treg cells (%) [n= 24 controls and 27 POAG])	1.4	-0.5	3.2	0.15
<b>HSP27 stimulated T cell</b>				
HSP27 stimulated Th1 cells (%) [n= 21 controls and 28 POAG])	4.8	1.2	8.5	<b>0.01</b>
HSP27 stimulated Treg cells (%) [n= 22 controls and 29 POAG])	0.3	-0.7	1.3	0.60
<b><math>\alpha</math>-crystallin stimulated T cell</b>				
$\alpha$ -crystallin stimulated Th1 cells (%) [n= 13 controls and 20 POAG])	3.9	2.2	5.6	<b>&lt;0.001</b>
$\alpha$ -crystallin stimulated Treg cells (%) [n= 13 controls and 20 POAG])	0.5	-0.2	1.2	0.14
<b>HSP60 stimulated T cell</b>				
HSP60 stimulated Th1 cells (%) [n= 16 controls and 13 POAG])	9.2	1.6	16.8	<b>0.02</b>
HSP60 stimulated Treg cells (%) [n= 17 controls and 14 POAG])	1.4	-0.1	2.8	0.06
<b>Cytokine measurements</b>				
Interferon- $\gamma$ (pg/ml) [n= 34 controls and 32 POAG])	26.2	21.5	30.9	<b>&lt;0.001</b>
TGF- $\beta$ 1 (ng/ml) [n= 24 controls and 32 POAG])	0.4	-0.3	1.1	0.22

Significant p-value are in bold.

Abbreviations: POAG, primary open-angle glaucoma; HSP, heat shock protein; Th1 cells, T helper type 1 cells; Treg cells, regulatory T cells; TGF- $\beta$ 1, transforming growth factor beta.