

IL-18 associated with lung lymphoid aggregates drives IFN γ production in severe COPD

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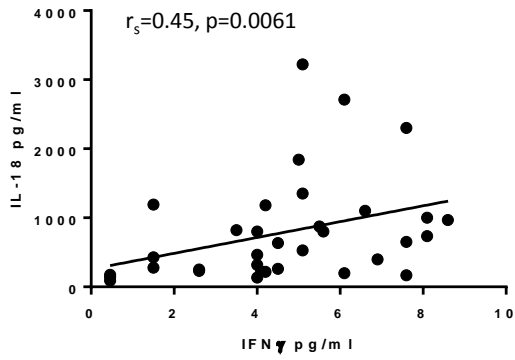
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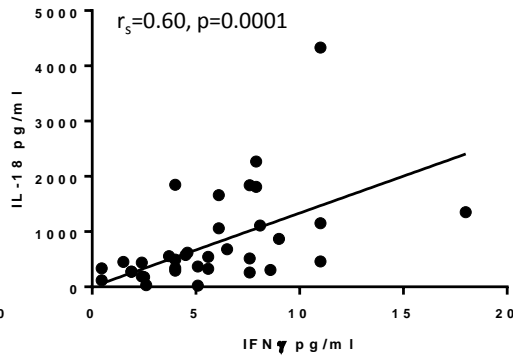
Supplementary figures

Supplementary Figure 1

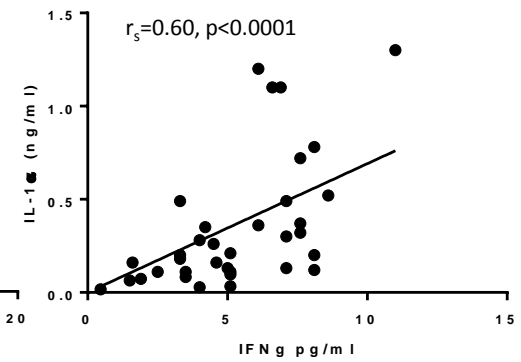
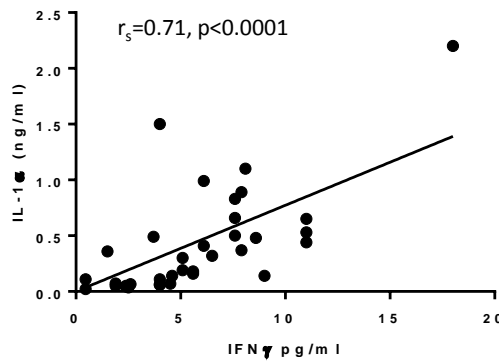
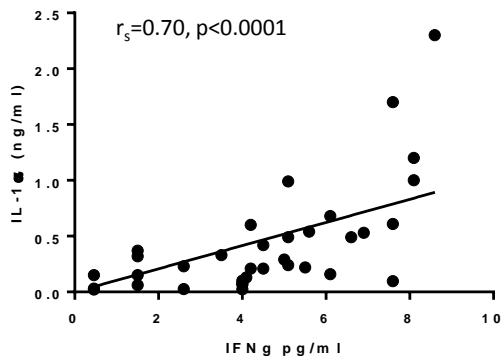
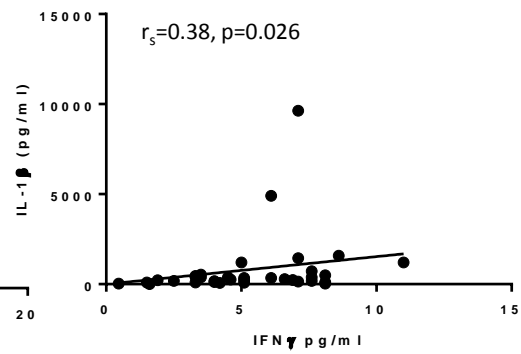
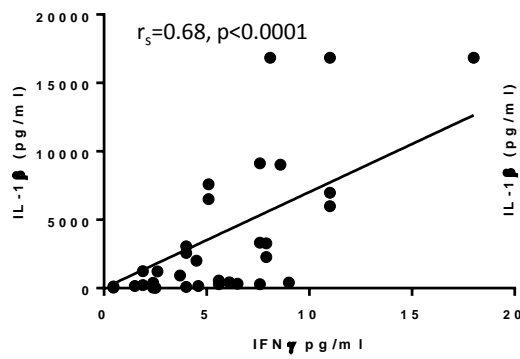
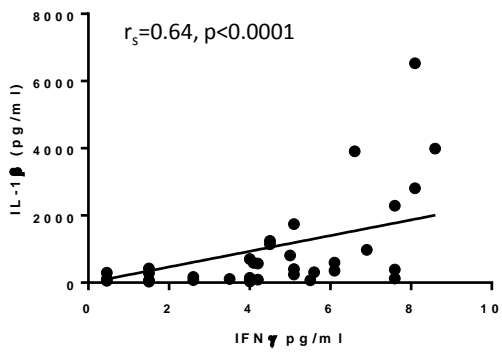
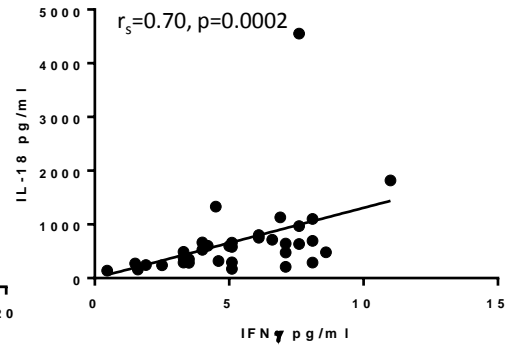
Stable



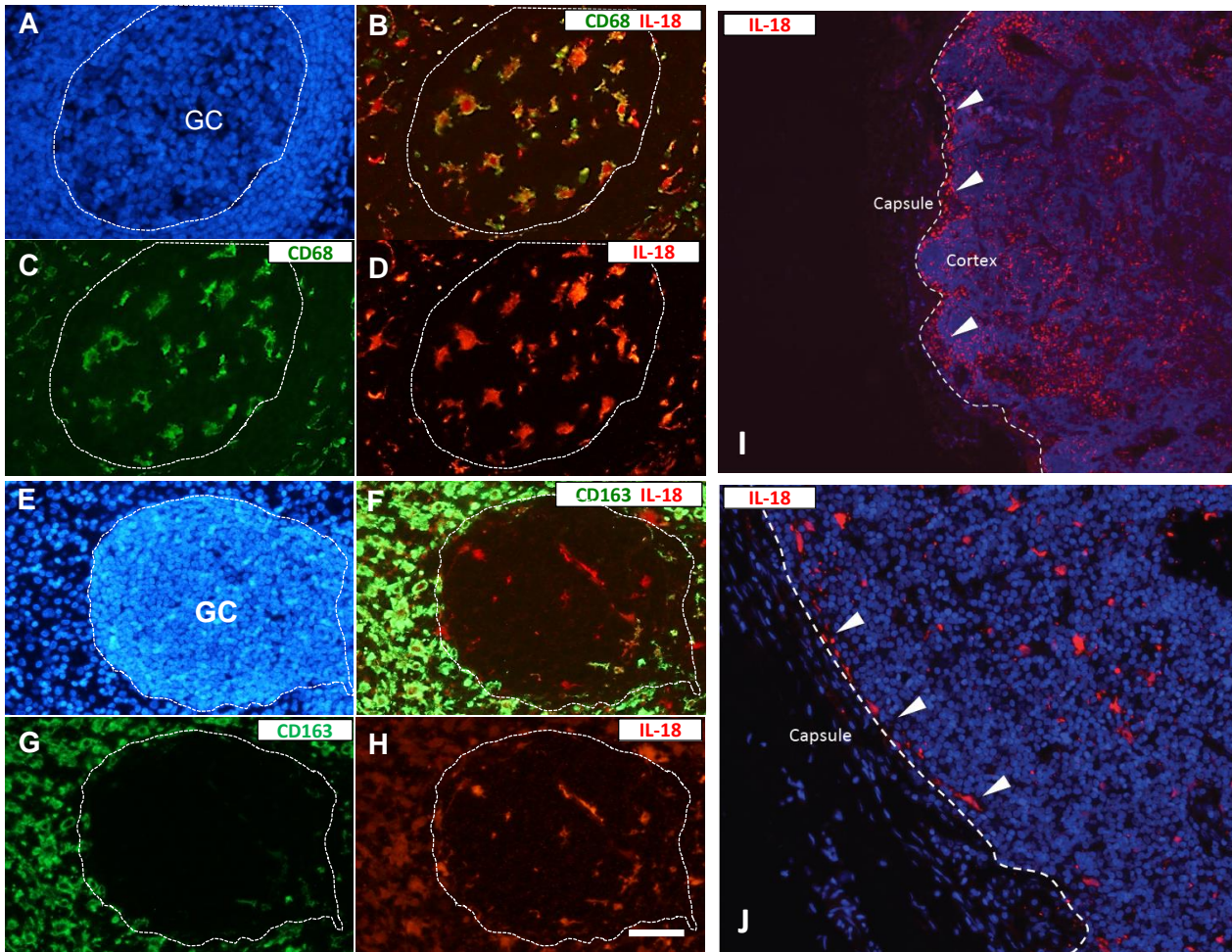
Exacerbation



Convalescence



Supplementary Figure 2



(A-H) Immunofluorescence staining of lung draining lymph nodes identifying IL-18 expressing cells based on the markers CD68 and CD163. Cell nuclei were stained with Hoechst 33342 (A, E, blue). Cells were stained for CD68 (C, green), CD163 (G, green) and IL-18 (D, H, red). The overlay of IL-18 staining with either CD68 or CD163 is shown in (B) and (F) respectively. Most CD68⁺ cells within the germinal center or in the T cell area were IL-18⁺. Some IL-18⁺ CD163⁺ cells were observed outside the germinal center.

(I-J) Immunofluorescence staining of IL-18 (red) in lung draining lymph nodes exemplifying the presence of IL-18 positive macrophage-like cells in the subcapsular region (arrows) as well as in the cortex.