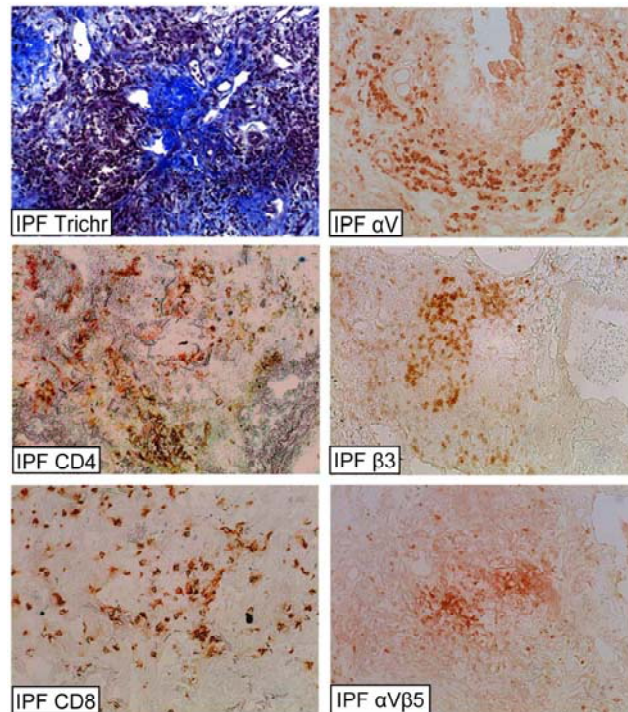


Supplemental Figures to the research report "Regulation of Pulmonary Inflammation and Fibrosis Through Expression of Integrins  $\alpha V\beta 3$  and  $\alpha V\beta 5$  on Pulmonary T Lymphocytes" by Irina G. Luzina, Nevins W. Todd, Natalia Nacu, Virginia Locketell, Jung Choi, Laura K. Hummers, and Sergei P. Atamas published in [Arthritis & Rheumatism](#) 2009, 60:1530-1539

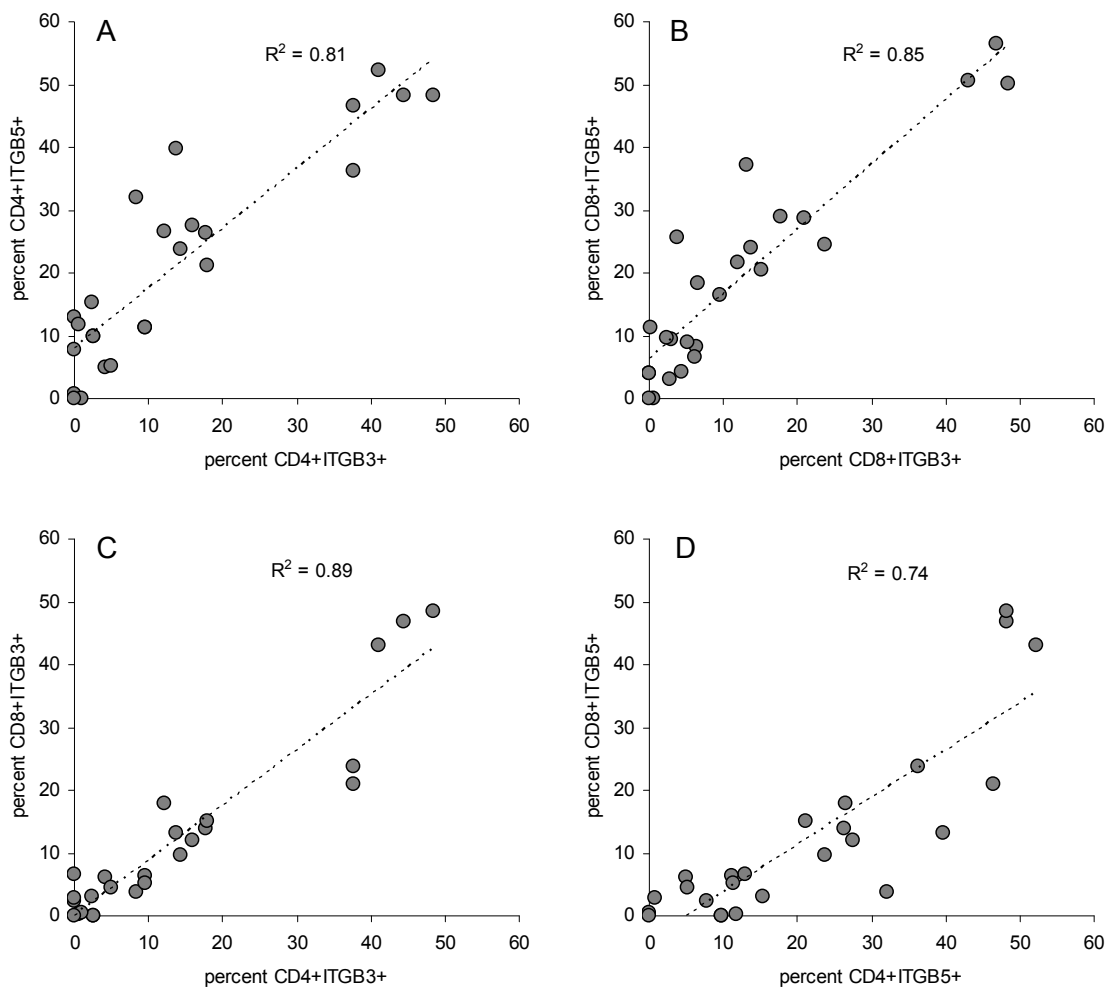
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**Supplemental Figure 1.** Histochemical and immunohistochemical analyses of paraffin sections of an explant lung from a patient with idiopathic pulmonary fibrosis (IPF). The sections were stained with trichrome or immunohistochemically (brown color) for CD4, CD8, integrins  $\alpha V$ ,  $\beta 3$ , and  $\alpha V\beta 5$  heterodimer as indicated. Magnification  $\times 200$  in all panels.

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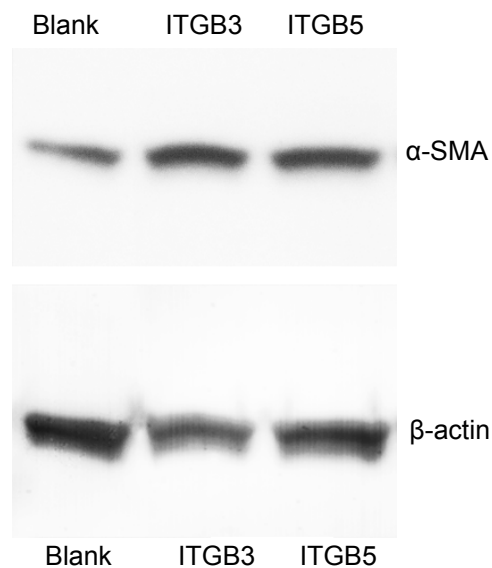
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**Supplemental Figure 2.** Correlation of percent integrin-positive T cells in the studied SSc patients group. Percent integrin-positive T cell values were calculated from total CD4+ or total CD8+ cells. Dots represent individual patients (BAL samples were not pulled).

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**Supplemental Figure 3.** Western blotting of fibroblast lysates for  $\alpha$ -smooth muscle actin ( $\alpha$ -SMA) and  $\beta$ -actin after 48 hrs of co-culture with Jurkat cells transfected with the blank non-coding plasmid, or Jurkat cells overexpressing integrins  $\alpha V\beta 3$  or  $\alpha V\beta 5$ .