

A protective role for IL-13 receptor α 1 in bleomycin-induced pulmonary injury and repair

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Running Title: IL-13R α 1 in pulmonary fibrosis

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Table S1: A complete list of primers that were used in this study

Gene	Species	Forward 3'→5'	Reverse 3'→5'
<i>Hsc70</i>	Human	ttaccctgccccgattgaagaac	tgtgtctgcttggtaggaatggtgga
<i>Il13ra1</i>	Human	ggcgacaacaagataaga	tcattgtggaaggagaggt
<i>Il13ra2</i>	Human	ccgaaacattggtagtga	taggtcccaaaggatgct
<i>Il4ra</i>	Human	tcttgccaggagcccacctgc	ccctcaccctgcccctgtag
<i>Hprt</i>	Mouse	gtaatgatcagtcaacgggggac	ccagcaagcttgcaacctaacca
<i>Il13ra1</i>	Mouse	ccttgcttctgtggtagttagag	aaagggccaggaggaaatac
<i>mf-Il13ra2</i>	Mouse	ggactcatcagactataaaga	gtgtgctccatttcattcta
<i>Il4ra</i>	Mouse	ttagtgtcagtgtggtgcgctgta	tctcagcctccaacaagtcggaaa
<i>Clca3</i>	Mouse	tgaaattgtgctgctgaccgatgg	tgtctgcaggcctcctgtcatttt
<i>Retnla</i>	Mouse	ccctccactgtaacgaagactc	cacaccagtagcagtcattcc
<i>Chi3l4</i>	Mouse	gactcctggcttactttgagatt	caaccactcattaccagatag
<i>Agr2</i>	Mouse	ctgcttctgtggccatttc	tggagagtgtctgaggtagtt
<i>Tff2</i>	Mouse	tctggtagagggcgagaaa	caaagcagcatccaagatcaaa
<i>Timp1</i>	Mouse	ccagaaccgcagtgaagagtt	aagctgcaggcactgatgtg
<i>Mmp12</i>	Mouse	cgctctctgctgatgacatac	gctaggttttgtcaaggatggg
<i>Tgfb1</i>	Mouse	cggggagacctgggcaccatccatgac	ctgctccacctgggcttgcgaccac

Figure S1. Lung epithelial cell gating strategy for sorting

Gating and sorting strategy to obtain DAPI⁺CD45⁻/Podoplanin⁺ cells of single-cell suspensions from enzymatically digested lungs of naïve wild type and *Il13ra1*^{-/-} mice.

Figure S2. Contribution of IL-4/IL-13 signaling to the bleomycin-induced transcriptional changes

(A) Venn plot analyses of transcripts that are differentially expressed following bleomycin-, IL-13- or IL-4 treatment as observed from the lungs of wild type mice treated (A-B).

Figure S1

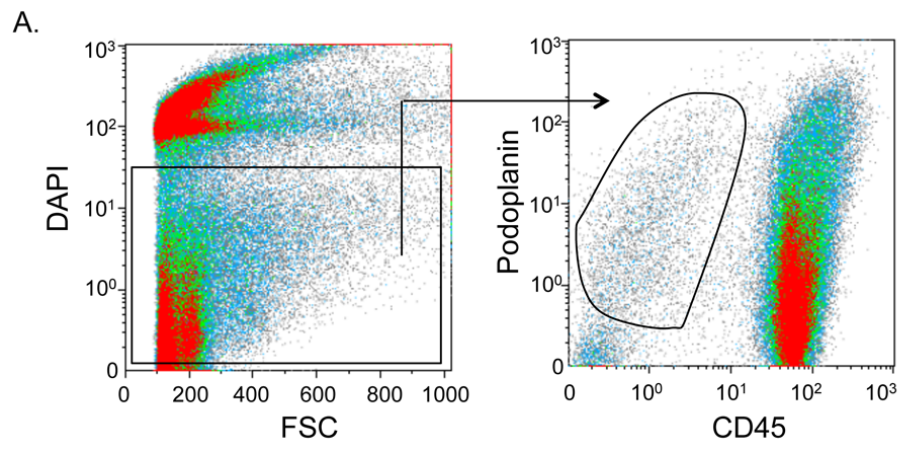
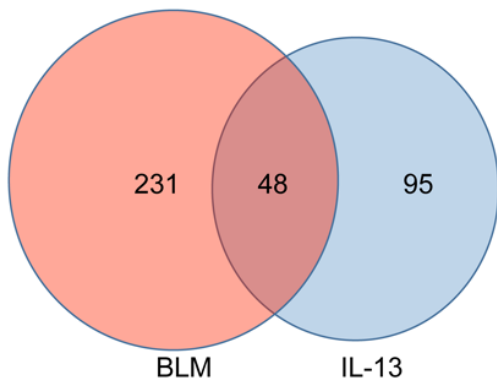


Figure S2

A.



B.

