

**Additional file 5.** Mean (standard deviation) log<sub>10</sub> MMP and TIMP concentrations in the IPF and control populations stratified by smoking status at enrollment (current/past smoker vs. never smoker).

Protein (pg/mL)*	Control		IPF	
	Current/Past Smoker (N=68)	Never Smoker (N=32)	Current/Past Smoker (N=204)	Never Smoker (N=96)
<b>MMP1</b>	1.07 (0.82)	1.08 (0.64)	1.38 (0.67)	1.42 (0.53)
<b>MMP2</b>	4.36 (0.32)	4.34 (0.38)	4.45 (0.32)	4.49 (0.12)
<b>MMP3</b>	3.74 (0.22)	3.72 (0.25)	3.82 (0.27)	3.77 (0.25)
<b>MMP7</b>	2.32 (0.17)	2.24 (0.24)	2.38 (0.18)	2.35 (0.20)
<b>MMP8</b>	1.16 (0.76)	1.08 (0.85)	1.75 (0.35)	1.73 (0.20)
<b>MMP9</b>	3.45 (0.23)	3.44 (0.23)	3.77 (0.30)	3.75 (0.29)
<b>MMP12</b>	1.63 (0.49)	1.61 (0.57)	1.75 (0.47)	1.80 (0.40)
<b>MMP13</b>	1.38 (0.38)	1.45 (0.33)	1.58 (0.49)	1.56 (0.55)
<b>TIMP1</b>	5.51 (0.11)	5.51 (0.12)	5.66 (0.15)	5.66 (0.13)
<b>TIMP2</b>	5.13 (0.11)	5.12 (0.12)	5.14 (0.12)	5.16 (0.10)
<b>TIMP4</b>	3.53 (0.17)	3.55 (0.15)	3.60 (0.19)	3.64 (0.14)

\*Results of t-tests for differences in MMP/TIMP concentrations between current/past smokers vs never smokers within the control and IPF populations, respectively, indicated no statistically significant differences.