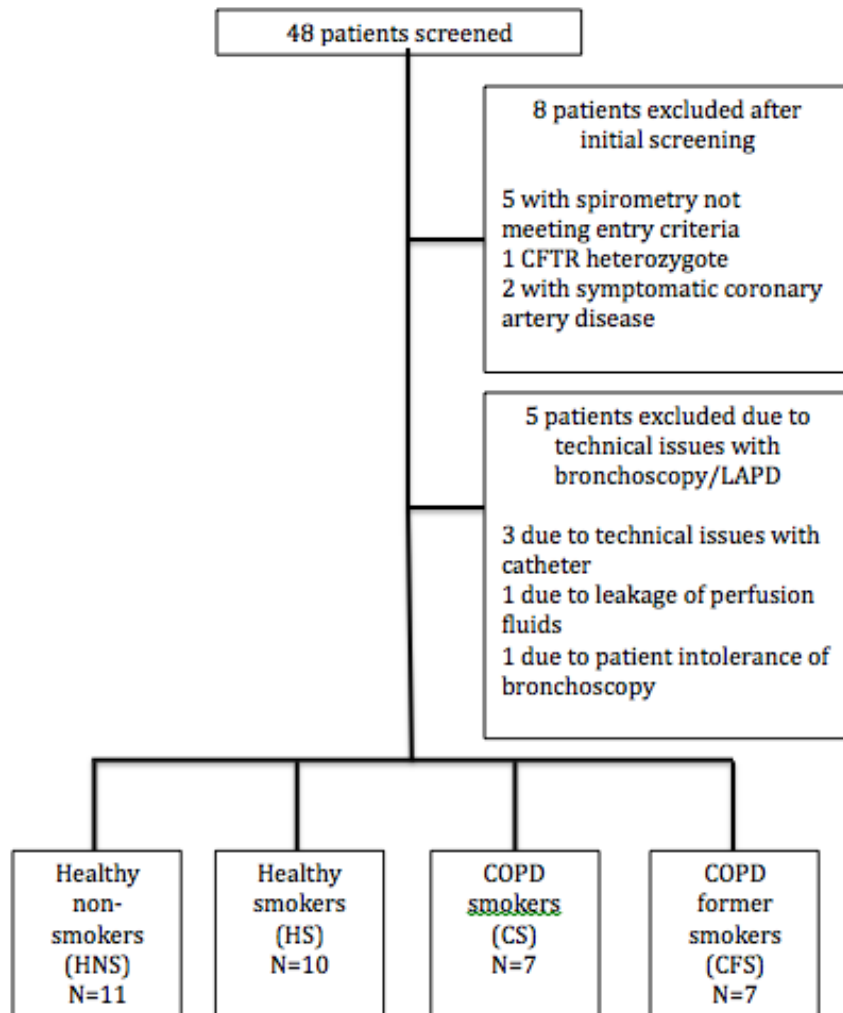




Acquired Cystic Fibrosis Transmembrane Conductance Regulator Dysfunction in the Lower Airways in COPD

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e-Figure 1. Consort Diagram



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e-Table 1. Cytokine concentrations in BAL fluid.

Analyte (pg/ml, SD)	Healthy Never Smokers	Healthy Smoker	COPD Smoker	COPD Former Smoker	P Value (ANOVA)	Pairwise Analysis P<0.05
EGF	209.2±149.2	210.6±97.47	221±138	257.4±169.7	0.81	
Eoxatin	13.14±4.49	11.61±1.21	11.56±4.03	13.35±4.94	0.62	
Fractalkine	7.82±5.12	11±12.27	4.278±1.52	4.577±1.28	0.062	HNS-HS
G-CSF	17.82±14.39	15±10.8	9.8±8.69	16±18.66	0.57	HNS-CS
GM-CSF	17.21±5.63	16.22±5.45	15.8±7.36	15.18±6.16	0.83	
GRO	2711±2249	2308±1641	2288±3019	3248±3062	0.78	
IFN-g	15.24 ±7.26	35.38±41.65	10.56±3.37	12.08±4.38	0.02	HNS-HS, HS-CS, HS- CFS
IFN-α2	8.118±5.07	7.77±4.17	6.05±2.58	8.03±4.63	0.66	
IL-1 RA	16.26±4.9	26.79±10.63	18.55±15.4	17.5±7.94	0.11	HNS-HS
IL-10	4.30±1.1	4.56±0.62	4.16±0.70	4.60±1.04	0.66	
IL-12 p70	6.88±1.92	5±2.23	4.05±1.86	5.5±2.66	0.016	HNS-HS, HNS-CS, HNS-CFS
IL-17	16.53±26.75	827.3±2323	195.5±588	9.346±1.91	0.22	HNS-HS
IL-1α	24.34±18.63	20.88±7.16	15.19±2.56	17.36±5.9	0.27	
IL-6	11.44±6.2	11.75±5.92	26.5±40.76	14.15±12.2	0.27	
IL-7	5.58±2.74	5.62±1.5	4.10±1.66	4.65±1.44	0.24	
IL-8	378.6±247	539±261.1	474.9±570.2	636.7±545.3	0.42	

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IP-10	142.9±165	102.1±121	112.7±246	61.63±52.4	0.63	
MCP-1	201.7±187	196.6±110	37.06±42	189.3±215	0.11	HNS-CS
MIP-1β	12.59±7.87	11.5±3.95	9.778±4.22	14.04±8.47	0.56	
MIP-α	10.59±2.59	10.72±4.95	10.95±4.03	13.42±7.56	0.43	
PDGA- AA BB	71.53±39.78	58.13±13.6	37.56±28.07	99.04±111.2	0.18	
PDGF- AA BB	14.97±7.80	19.75±19.02	9.±2.392	23.5±27.7	0.23	
RANTES	18.64±24.82	22.83±26.92	19.33±37.9	392.4±737	0.039	HNS-CFS
sCD40-L	4.281±2.30	4.11±1.26	3.3±1.05	7.38±7.68	0.11	
TGF-α	10.53±4.01	11±2.23	11.11±3.29	12.07±6.80	0.85	
TNF-α	10.24±6.03	8.357±1.88	6.55±2.69	8.53±6.40	0.37	
VEGF	18.76±6.02	16.56±8.65	14.28±6.57	14.43±7.33	0.29	

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