

Additional file 10

	P90		P90-BaP		AS-PAH	
	D1	D14	D1	D14	D1	D14
Lung						
Alveolar accumulations of particle-laden macrophages	5	5	5	5	5	5
Interstitial accumulations of particle-laden macrophages	1	0	0	2	4	5
Accumulations of particle-laden macrophages in BALT	4	3	3	3	1	3
Interstitial inflammatory cell infiltration	2	0	3	4	5	5
Interstitial fibrosis	0	0	0	0	2	0
Bronchiolo-alveolar hyperplasia	0	0	0	1	4	3+2
LALN						
Accumulations of particle-laden macrophages	0	2	0	4	1	5

Only AS-PAH induced exposure-related histological alteration in lung tissue after nose-only inhalation.

The table shows the histopathological findings in lung sections stained with hematoxylin and eosin. The numbers represent the animals with very slight (1-5% involvement) histopathological findings, except the bold italic number which represent the animals with slight findings (6-20% involvement). The clean air control group showed no histopathological changes.

n=5; BALT=bronchus-associated lymphoid tissue; D1=day 1 post-exposure, D14=day 14 post-exposure