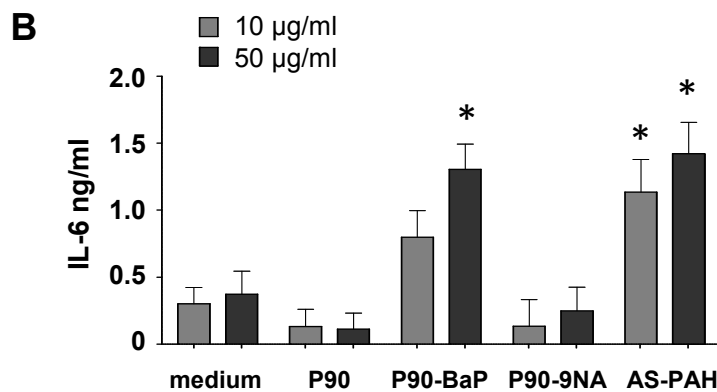
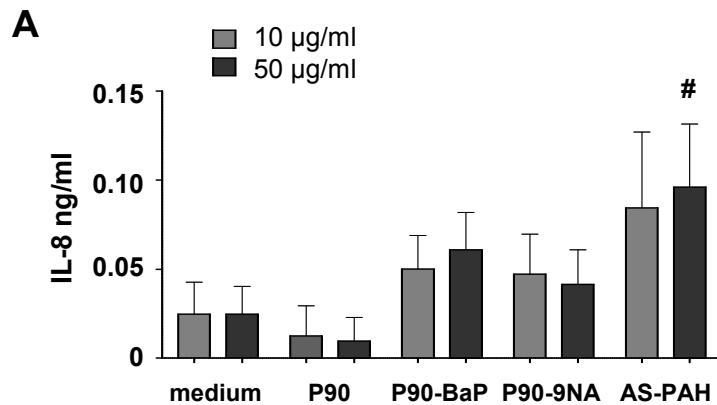


## Additional file 6



**C**

	A549		16HBE14o-		Calu-3	
	10 µg/ml	50 µg/ml	10 µg/ml	50 µg/ml	10 µg/ml	50 µg/ml
<b>P90</b>	95 ± 5	87 ± 8	97 ± 4	91 ± 7	99 ± 11	90 ± 10
<b>P90-BaP</b>	92 ± 2	82 ± 12	85 ± 4	82 ± 6	86 ± 5	82 ± 3
<b>P90-9NA</b>	90 ± 4	73 ± 8	80 ± 1	74 ± 3	94 ± 6	82 ± 10
<b>AS-PAH</b>	99 ± 8	85 ± 20	95 ± 10	87 ± 6	97 ± 5	92 ± 9

**CBNP did not affect the viability of epithelial cells, but P90-BaP and AS-PAH induced cytokine release *in vitro*.**

**A, B**) Results of IL-8 (**A**) and IL-6 (**B**) release from Calu-3 cells after 24 hours exposure to 10 µg/ml and 50 µg/ml CBNP. Data are mean ± SEM. n=5, except P90-9NA n=3; #p<0.05 CBNP compared to 50 µg/ml P90 and \*p<0.05 CBNP compared to medium controls analyzed by Mann Whitney U test, respectively.

**C**) The table shows the results of epithelial cell viability determined by WST-8 assay after 24 hours CBNP-exposure compared to medium control. The data are presented in %. Data are mean ± SEM. n=5