

SUPPLEMENTARY TABLE

Delivery of ENaC siRNA to epithelial cells mediated by a targeted nanocomplex: a therapeutic strategy for cystic fibrosis

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Nebulisation output									
	Pre - Neb		Post - Neb			Left-Over			
	Conc ($\mu\text{g/ml}$)	Vol (ml)	Conc ($\mu\text{g/ml}$)	Vol (ml)	Yield (%)	Conc ($\mu\text{g/ml}$)	Vol (ml)	Yield (%)	Mass emitted (%)
# 1	50	2	20.1	1.102	22.2	61.8	0.424	26.2	73.8
# 2	50	2	10.4	1.237	12.9	70.3	0.456	32.1	67.9
# 3	50	2	16.8	1.046	17.6	70.8	0.500	35.4	64.6
Mean	-	-	15.8 \pm	1.128	17.5 \pm	67.6 \pm	0.460	31.2 \pm	68.8 \pm
\pm SD			4.9	\pm 0.1	4.6	5.1	\pm 0.0	4.7	4.7

Supplementary Table S1: Summary of the nebulisation output of LPRs from 3 experiments. Left-over is the amount of LPR suspension remaining in the nebuliser chamber after nebulisation. Yield (%) is calculated from the amount (μg) of siRNA recovered after nebulisation versus the amount (μg) that was applied to the nebuliser, which is set at 100%. Mass emitted is the percentage of the siRNA in the LPR suspensions that was released as aerosol. Conc = concentration of the siRNA in LPRs: Pre-Neb, Post-Neb and in the Left-Over solutions; Vol = volume of a) Pre-Neb material that was nebulised, b) Post-Neb material collected from the receiver tube and c) Left-Over material that was not nebulised and collected from the sample chamber of the nebuliser.