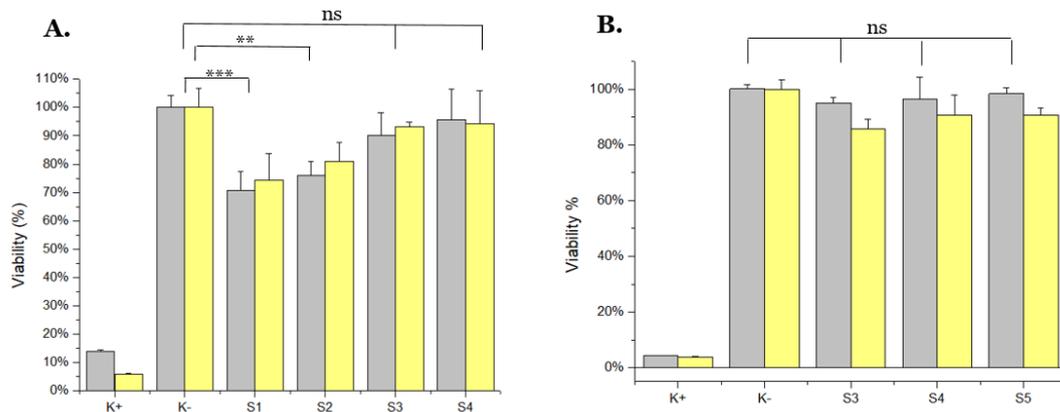


# Supplementary Material: Modulation of chitosan-TPP nanoparticle properties for plasmid DNA vaccines delivery

Renato Nunes, Ana Sofia Serra, Aiva Simaite, and Ângela Sousa



**Figure S1.** Cell viability after 24 h (gray) and 48 h (yellow) of transfection with CS-TPP-pDNA polyplexes, for hFIB cells (A) and for RAW cells (B). S1 – NPs centrifuged at 2000 rpm, DNA concentration of 20  $\mu\text{g}/\text{mL}$ ; S2 - NPs centrifuged at 4000 rpm, DNA concentration of 20  $\mu\text{g}/\text{mL}$ ; S3 - NPs centrifuged at 6000 rpm, DNA concentration of 20  $\mu\text{g}/\text{mL}$ . S4 - NPs centrifuged at 10000 rpm, 10 min, DNA concentration of 20  $\mu\text{g}/\text{mL}$ ; S5 - NPs centrifuged at 10000 rpm, DNA concentration of 60  $\mu\text{g}/\text{mL}$ . Non-transfected cells were used as negative control (K-) and ethanol treated cells were used as positive control (K+) for cytotoxicity. Statistical analysis was made using “one-way ANOVA” with data obtained from three independent measurements (mean  $\pm$  SD,  $n = 3$ ). The asterisks symbol represents statistical significance (\*\*  $p \leq 0.01$ ; \*\*\*  $p \leq 0.001$ ), ns – not significant).