

Time dependent finite-element analysis of in vivo electrochemotherapy treatment

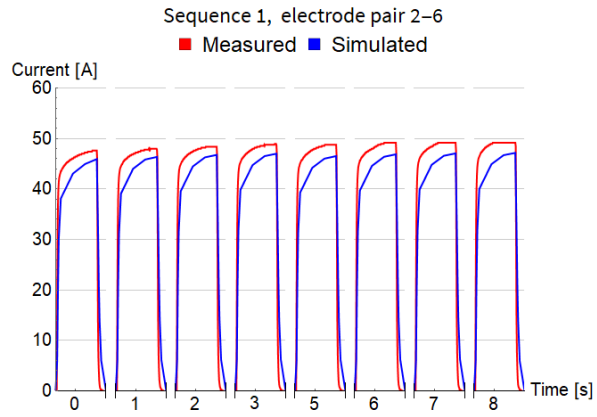
Supplementary data

Symbol	Description	Value
τ_{por}	Specific time of poration relaxation	100 μ s
α_{σ}	Amplitude of pore growth model	0,35
τ_{σ}	Specific time of pore growth	15 μ s
α_T	Amplitude of thermal model	0,125
τ_T	Specific time of thermal diffusion	1,75 s
$\alpha_{\vartheta\sigma}$	Amplitude of poration damage model	0,0015 m/V
$\alpha_{\vartheta T}$	Amplitude of thermal damage model	25 m/V
α_C	Amplitude of capacitive model	$5 \cdot 10^{-4} \text{ m}^{-2}$
R_C	Resistance of capacitive model	15 Ω
C	Capacitance of capacitive model	$1,2 \cdot 10^{-7} \text{ F}$

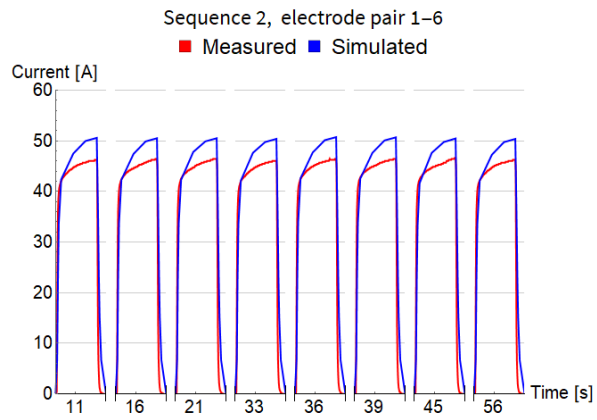
Table S 1: Other parameters of the time dependent electroporation model common for all tissues (taken from Langus et al. (2016))

Results

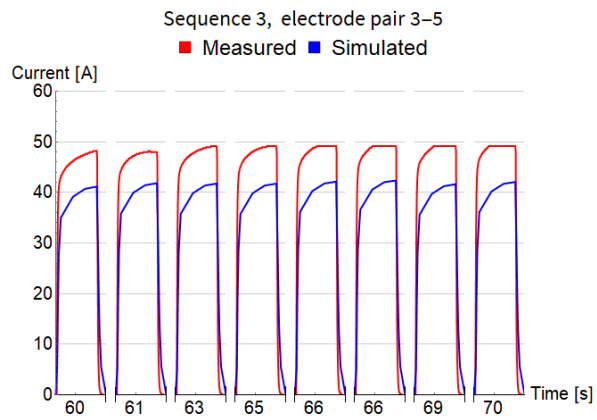
(a)



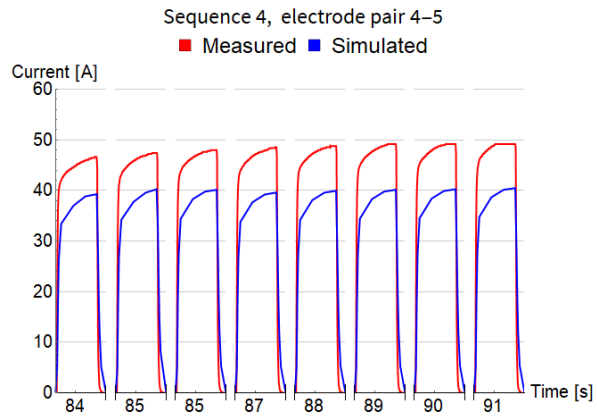
(b)



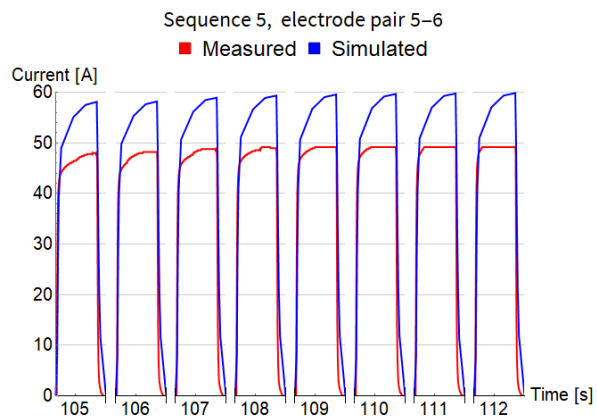
(c)



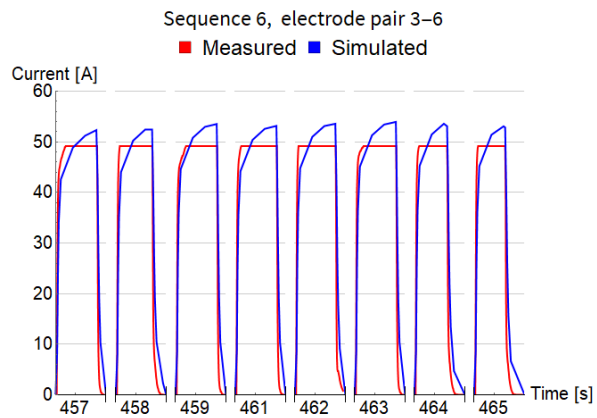
(d)



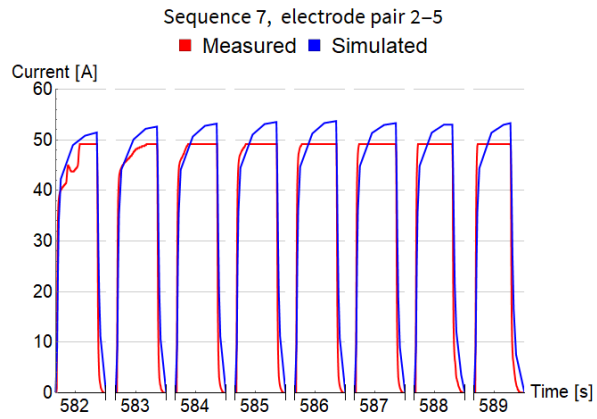
(e)



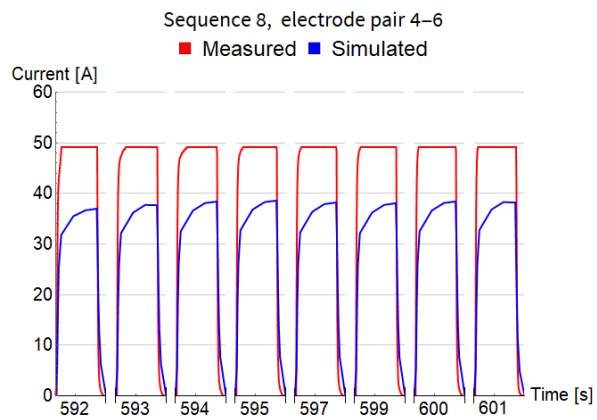
(f)



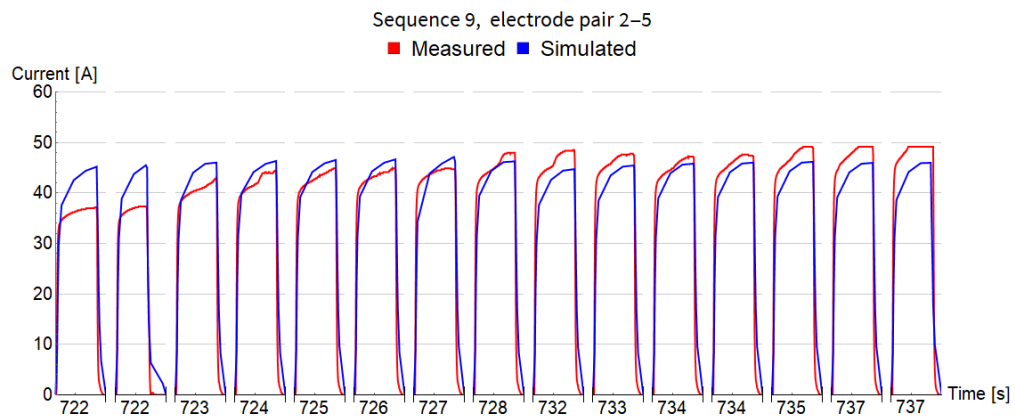
(g)
)



(h)
)



(i)



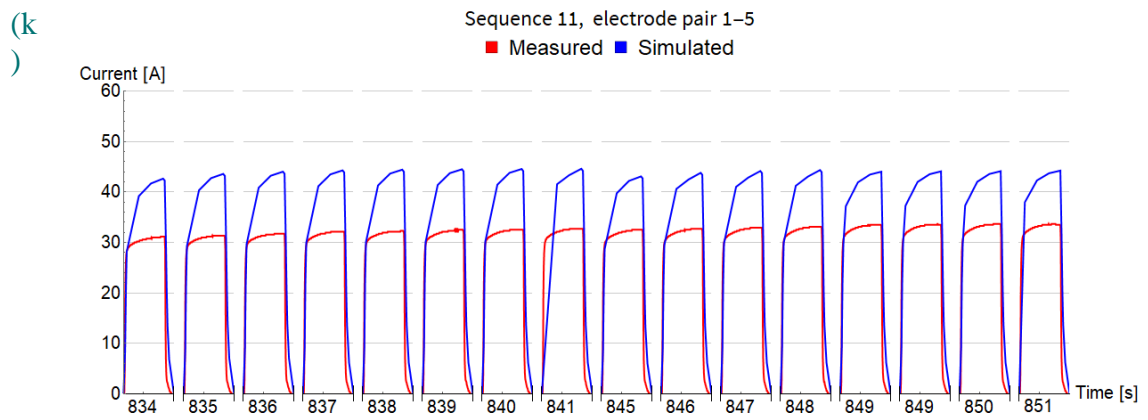
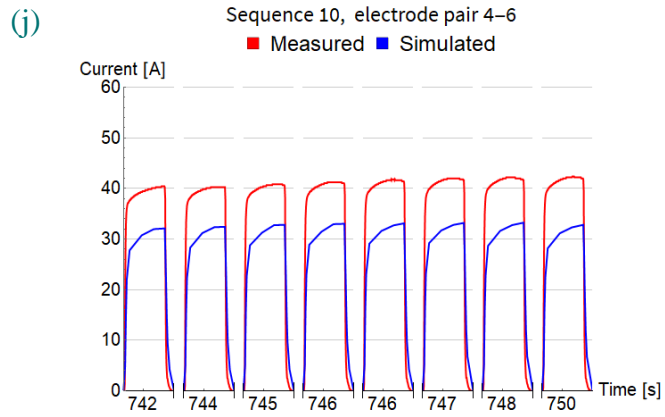


Figure S 1: (a-k) Comparison of simulated and measured current for all sequences and all pulses