BAYESIAN CALLIBRATION OF ELECTROPORATION, PSED Cluster 2018-2019

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design of electric pulses.

Academic Disciplines: **MECHANICAL** ENGINEERING

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200 0

Pulse Amplitude (x,)

Research Objective: In this project, we have sought to develop a methodological approach for the design of electric pulses for electroporation. Conventionally design centers around minimizing an objective function, in our case this objective is to minimize the difference between the predicted amount of biomolecule delivered into a cell and the actual amount delivered during physical experiments.

