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Performance optimization of the A549 electrophysiological cancer cell model and live simulation dashboard

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Author Statement

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References

Langthaler, Sonja, Theresa Rienmüller, Susanne Scheruebel, Brigitte Pelzmann, Niroj Shrestha, Klaus Zorn-Pauly, Wolfgang Schreibmayer, Andrew Koff, and Christian Baumgartner (June 2021). "A549 in-silico 1.0: A first computational model to simulate cell cycle dependent ion current modulation in the human lung adenocarcinoma." In: *PLoS Comput. Biol.* 17.6, e1009091. ISSN: 1553-7358. DOI: 10.1371/journal.pcbi. 1009091.

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