Intraorganlle nanopoation is a highly effective method to increase permeability of intraorganlle membrane under the influences of pico electric pulses and using this technique, we can introduce specific drugs into the intraorganlle of the regid cell like osteoblast. It is also a promising technology in drug delivery system and localization of malignant cancer cell. Till now it is reported that the reversal electroporation suffers from an inability to destroy large volumes of cancer tissue without introduction of cytotoxic elements and increasing the applied electrical field to the harm full level. This restriction can be overcome by using intraorganlle nanoporation which is described here. In this paper we numerically model a micro device used for characterization of osteo intraorganlle nanoporation and different field of bio-medical application.

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Intraorganelle Nanoporation in Biomedical Application


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