ELECTRIC REST MEMBRANE POTENTIALS WITH REGARD FOR BARODIFFUSION PHENOMENA

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S u m m a r y

The influence of pressure gradients on the stationary membrane potential, which is the most realistic electric rest potential, has been studied. The dependence of the electric membrane potential on the pressure gradient has been analyzed taking the variation of the ultrasonic radiation frequency under non-isobaric conditions into account. Quantitative estimations of the influence of barodiffusion effects on the value of electric rest membrane potential were obtained.