



Fig.19: Current vs time

V. CONCLUSIONS

In this work biimpedance both of a healthy neuron and a defective one is studied in detail through the use of a mathematical and physical model. Simulations were obtained by solving the differential equation for the RLC circuit. The model predicts the values of resistance of a healthy neuron and for a neuron which is affected by Parkinson's disease. The medication which a person affected by this disease takes aims to increase the neuron's resistance.

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