# ROBERT S. EISENBERG

# **PUBLICATIONS**

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[Laboratory of Robert S. Eisenberg]

# <u>Papers</u>: Electrical properties of tissues, mostly experimental:

- 1. Eisenberg, R.S. and Hamilton, D. Action of γ-aminobutyric acid on *Cancer borealis* muscle. Nature 198: 1002-1003 (1963). PMCID not available [PDF]
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- 6. Horowicz, P., Gage, P.W. and Eisenberg, R.S. The role of the electrochemical gradient in determining potassium fluxes in frog striated muscle. J. Gen. Physiol. 51: 193s-203s (1968). PMCID: PMC2201208 [PDF]
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- 14. Eisenberg, R.S., Vaughan, P. and Howell, J. A theoretical analysis of the capacitance of muscle fibers using a distributed model of the tubular system. J. Gen. Physiol. 59: 360-373 (1972). PMCID: PMC2203177 [PDF]
- 15. Leung, J. and Eisenberg, R.S. The effects of the antibiotics gramicidin-A, amphotericin-B, and nystatin on the electrical properties of frog skeletal muscle. Biochem. Biophys. Acta. Amsterdam 298: 718-723 (1973). <a href="PMID: 4541500">PMID: 4541500</a> [PDF]
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# <u>Papers</u>: Theoretical Analysis and Modeling of Spread of Current:

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