

Bioechem's Biological Battery

Introducing a Biological Micro-Battery, smaller than a pea in size, meticulously engineered with 100% eco-friendly materials, and boasting a voltage output more than that of a standard triple A battery.



Dr. Pei Zhang

Our Mission Statement:

Waverly Leonard & Trevor Cope



Our mission is to revolutionize microbattery technology by developing a Biological Battery that utilizes 100% eco-friendly materials, renewable energy, and sustainable practices through the novel “P1” microorganism. In particular, this Biological Battery can safely power sensors underwater, (eg. fish tags, ocean animal tracking, etc) while it is dangerous to use lithium batteries under the same condition. Our biological microbattery is efficient, lightweight, sustainable, safe, and affordable, making it an ideal choice for environmental projects and other applications.