Review of: "Kirchhoff Coupling Generates ATP, the Chemical Energy of Life"

Gökhan Gültepe

Potential competing interests: No potential competing interests to declare.

In this article, the author investigates the Kirchhoff coupling process, a clever novel idea using the analogy in nature, which involves the transfer of electrons and protons in mitochondria. This transfer of electrons generates a proton gradient that drives the production of ATP by ATP synthase. However, the author should clearly define the objectives and extend the definitions and numerical examples in both abstract and background.

Although Figure 1 is a nice figure, (b) should be clearly tied to (a) for the reader to comprehend the idea and the.

Figure shows the change in electron and proton concentration over time depending on the oxygen concentration; however, neither the text, nor the caption include any explanation. The author should elaborate on this process.