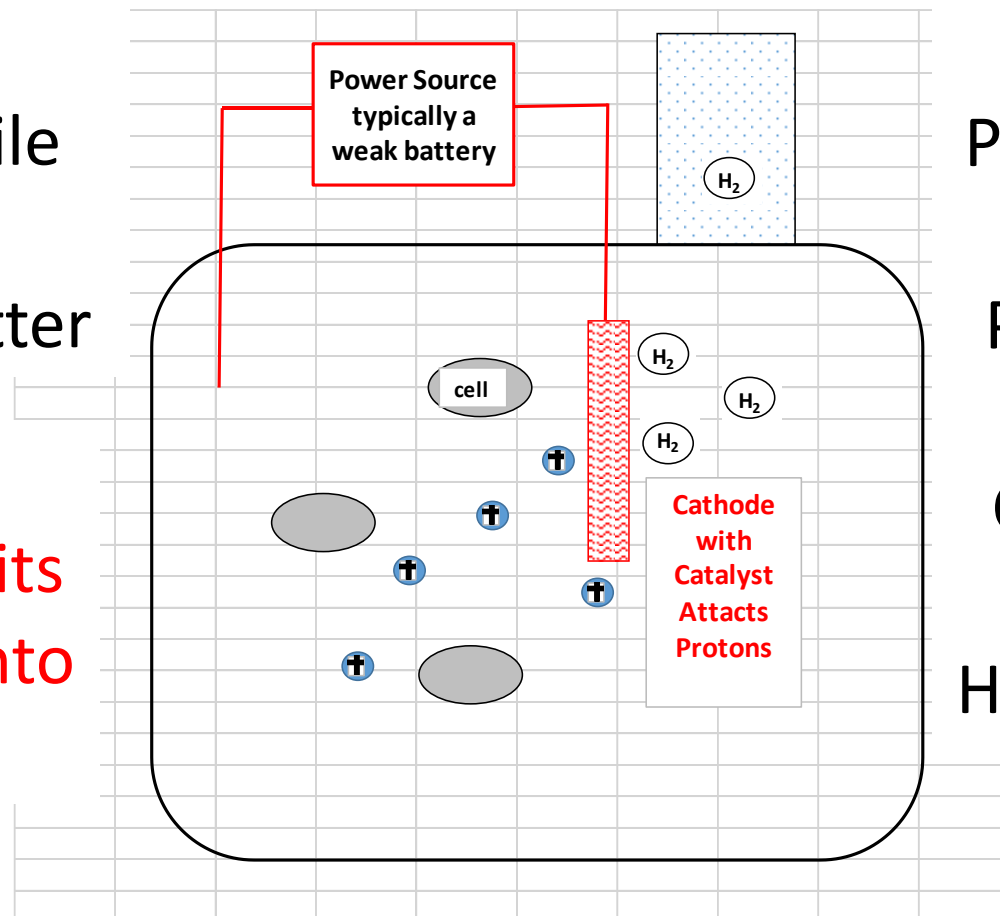


Microbial Electrolysis Cell

Microbial Cells
Release
Protons While
Digesting
Organic Matter

A Weak
Battery Emits
Electrons into
the Broth



In the
Presence of a
Catalyst
Protons and
Electrons
Combine to
Produce
Hydrogen Gas