

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Production of dihydrogen at a platinum microelectrode by water electrolysis, powered by a glucose/O₂ biofuel cell (BFC), in a single compartment cell.

File Name: Supplementary Movie 2

Description: Zoom-in of the microelectrode showing the hydrogen production.

From t = 0s to t = 20s : BFC connected; electrolyser connected

At t = 20s : BFC disconnected; electrolyser connected

At t = 28s : BFC connected; electrolyser disconnected

At t = 37s : BFC connected; electrolyser connected