



To Nandita Singh

(Senior science editor of JoVE journal)

2018-05-03

“Polyaniline functionalized electrochemically reduced graphene oxide chemiresistive sensor to monitor the pH in real time during microbial fermentations”

Dear Editor,

Please consider the paper entitled **“Polyaniline functionalized electrochemically reduced graphene oxide chemiresistive sensor to monitor the pH in real time during microbial fermentations”** for publication as a invited article in JoVE. In this paper we report the engineering of a solid state micro pH sensor based on polyaniline functionalized electrochemically reduced graphene oxide deposited on interdigitated gold electrode with 100 μm interfinger spacing. We think that the manufacturing and testing of the pH electrode in a bacterial fermentation is a nice topic for a video paper. The different techniques that are used in the paper become more meaningful if you can show the reader what we have actually been doing. This work was published in “Sensors and Actuators B: chemical”. We asked the publisher of this journal for permission to reuse the graphs from that paper in this video paper as well. If the publisher does not agree we will make some new graphs from different experiments. Of course, the data will lead to the same conclusions.

Thank you for considering the paper for publication in JoVE.

Sincerely,
Prof. Dr. Gert Jan William Euverink