



Biotechnology and
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EBNet Travel Bursary Support
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North American International Society for Microbial Electrochemistry and Technology (NA-ISMET)

3-5 April 2024 Houston, Texas, USA

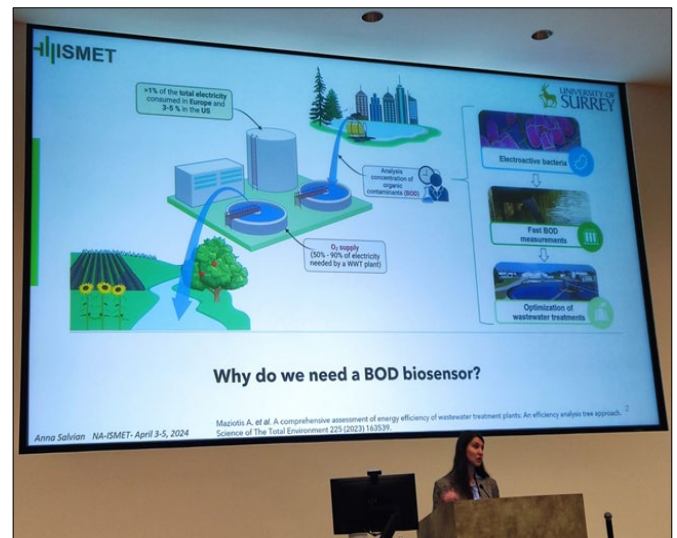
Presentation:

Microbial Fuel Cell (MFC)-based biosensors for wastewater quality monitoring from laboratory scale to real application: effect of the chemical and microbial composition of the feedstock

Authors: Anna Salvian *et al.*

The award of the EBNet Travel Bursary allowed me to attend the North American International Society of Microbial Electrochemical Technologies (ISMET) conference at Rice University, Houston (Texas).

ISMET conferences are wonderful opportunities for sharing ideas and drawing inspiration. This year, NA-ISMET stood out for its unique blend of presentations and posters from researchers at all career levels — from pioneers in the field to graduate students. This diverse line-up provided a comprehensive look at microbial electrochemical technologies and offered insights into future directions of the field. It's always refreshing to step out of the lab, see the global progress in our field, and explore ways to collaborate for greater impact.



Anna Salvian during the NA-ISMET presentation

At the conference, I showcased my research on Microbial Fuel Cell (MFC)-based biosensors designed for BOD monitoring in wastewater. I particularly focused on the transition from laboratory-scale experiments to real-world applications.

Although presenting my work on at such a prestigious event was initially intimidating, it turned out to be a supportive and enriching experience. I deeply appreciate Ebnets for providing funding that allowed me to attend the event. This experience enhanced my presentation skills, networking opportunities and opened doors for new international collaborations.

Last but not least, I am glad I had the opportunity to visit Houston. The visits to NASA's Space Center, the Museum of Natural Science, and experiencing authentic Texan BBQ were definitely highlights of my trip. Thank you EBNet for granting me this wonderful opportunity!



NA-ISMET poster session.
Dr Marina Ramirez-Moreno (left) and
Anna Salvian (right)