

*Do you have an interest in finding out who is involved in the ZEBRA LIFE project? We have come together to build a highly synergistic and multidisciplinary alliance, and as part of this, we will be participating in a diverse set of activities. Our partners come from a variety of fields and businesses. During the course of this week, we would want to acquaint you with **Bioquochem**:*

BIOQUOCHEM

Established in 2015, Bioquochem (BQC) is a renowned Spanish biotech company specialized in REDOX technology. Their expertise lies in designing, developing, and manufacturing spectrophotometric kit assays, and electrochemical devices that enable rapid and straightforward quantification of various redox parameters across different industries, including biomedicine, foods, cosmetics, and more.

Among their pioneering accomplishments, BQC has successfully developed an exceptional electrochemical-based technology for measuring total antioxidant capacity in a diverse range of aqueous and organic samples, such as biomedical fluids, foods, cosmetics, and fuels. With BQC's electrochemical devices, total antioxidant capacity can be determined in less than one minute, utilizing only a small sample volume.



Additionally, BQC offers sensitive, reproducible, and accurate spectrophotometric kits for measuring key redox parameters, including total antioxidant capacity, phenolic compounds, reactive oxygen species (ROS), biomolecule damage, and more.

As a company committed with innovation, BQC consistently upgrades its products and ventures into developing new and advanced services and

offerings. Presently, they are directing their efforts towards creating innovative electrochemical devices for quality control and on-line measurements. Furthermore, BQC extends its expertise by providing measurement services and ad-hoc developments to clients seeking screening methods for evaluating redox parameters.

Aligned with the company innovation commitment, in the ZEBRA's project, BQC will lead the integration of an in-line monitoring system to control the antioxidant capacity into the different ZEBRA-LIFE products manufacturing streams. Once completed and ready, the sensor that will be developed by BQC will be utilized in the ZEBRA's pilot plant located in CENER's BIO2C centre.