

She studied chemistry and received her Ph.D. in materials science at the Universitat Autònoma de Barcelona. In 1999 she became a permanent researcher at the Institut de Ciència de Materials de Barcelona belonging to CSIC, the Spanish National Research Council and serves as deputy director since 2014.

Her research career has been fully focused in rechargeable battery materials initially either nickel or lithium based and more recently covering alternative chemistries such as sodium-ion, magnesium and calcium. Specific emphasis is set in tailoring structure and microstructure of electrode materials to maximise electrochemical performance for traditional technologies and in the development of new materials for emerging technologies.

She has led diverse battery research projects with either public or industrial funding and is actively involved in the ALISTORE European virtual Research Institute devoted to battery research (co-director between 2010 and 2017). She serves in the boards of the International Battery Association (IBA), IMLB and Batteries Europe ETIP, and is an associate editor for Chemistry of Materials since 2016.