



**Prof. Cristina Canal**  
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**Cristina Canal**, is Associate professor at the Department of Materials Science and Engineering, at the Technical University of Catalonia (UPC), within the Biomaterials, Biomechanics and Tissue Engineering Group. She serves as vicedirector of the Center for Research in Biomedical Engineering (CREB).

Before joining UPC she did different research stages at pre and postdoctoral level in different national and international research centres. She has participated and lead a number of research projects, as well as technology transfer projects in the areas of Textile materials, Biomaterials and Cold Plasmas. Her research has led to above 60 publications, and several invited conferences.

Her research has been recognized with different awards, including the L'Oreal-Unesco fellowship "For Young Women in Science" (2012) and the "2018 Early Career Award in Plasma Medicine".

Her interests are focused in cold plasmas for biomedical applications, particularly: i. surface modification of biomaterials to control parameters such as adhesion or biological behaviour; ii. Control of drug release from biomaterials; and iii. Therapeutical applications of cold plasmas, for instance, in bone cancers.

She is currently leader of a European Research Council Starting Grant project in the field of Plasma Medicine, her main axis of research being currently focused in the atmospheric pressure plasma therapy of bone cancer treatment in combination with biomaterials.