



## **Julio SUAY ANTÓN**

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Julio Suay Antón (DOB: 06/24/1968) studied Industrial Engineering and since 2010 he has been a full professor of Materials Science and Metallurgical Engineering. At the beginning of 2005, he joined the Príncipe Felipe Research Center, aimed to be a scientific reference center in biotechnology. His research interest has always been the development of functional materials for regenerative medicine, the study of the immune system and the fight against infections (peri-implantitis). His objective has always been clear, namely to achieve new developments that can be transferred in the future to the productive sector so as to create wealth and utility in society.

Within the field of regenerative medicine, he has developed scaffolds for bone regeneration, patented and licensed by companies in the biomedical sector. The research carried out on coatings that improve osseointegration gave rise to a new patent licensed by Ilerimplant, S.L. (a clinical trial on a new implant is currently being developed). Thanks to the basic studies carried out on proteins adsorbed on different types of biomaterials and in order to determine their biocompatibility, biomarker patents have been developed and transferred. The latest advances in the fight against infectious diseases in the dental sector have been licensed by GMI Dental Implantology. Significant collaboration projects have been developed in the implantology sector with Bti, Galimplant, Sweden Martina and GMI.

He is currently director of the research group Polymers and Advanced Materials and coordinator of the Dental Science Master in the Jaume I University in Castellón de la Plana, Spain.

Research interests: Biomaterials, Functional Coatings, Bone Regeneration, Biocompatibility, Proteins, Gingival Sealing