Brief biographical note

Prof. Dr. Manuel Toledano

He studied Medicine (1982) with the speciality in Dentistry (1986) at the University of Granada, and obtained the PhD degree in Medicine and Surgery in the same university, in 1985. Currently, he is full Professor and Chair of the Department of Dental Biomaterials.

His professional and scientific activity comprises:

His scientific activities are focused, in general, in the interaction of restorative biomaterials with the tooth substrate; in particular, in the study of the resin-dentin inter-diffusion zone involving the physic, chemical, mechanical and biological properties.

He has published more than 120 refereed articles in peer-reviewed journals as Journal of Dental Research, Biomaterials, Journal of Biomedical Materials Research (Parts A and B), Dental Materials, Journal of Dentistry, American Journal of Dentistry, Operative Dentistry, Journal of Colloid and Interface Science, European Journal of Oral Sciences, and others. He has contributed with more than 20 chapters in specialised books and is co-editor of three books in Dental Biomaterials. He has three patents in Dentistry and has been invited to present some main lectures in more than 30 international meetings in the field of Dental Biomaterials.

Name , salutation: Prof. Dr. Manuel Toledano
Current appointment:
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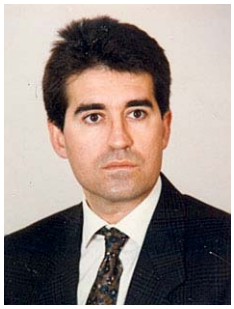

Experience:

He has participated, as main researcher, in the Expression of Interest "New advanced materials for high performance repair of teeth; research and technology development beyond 2002", from the European Community in more than 10 research projects from different public institutions. He is member of the Editorial Board of Journal of Dentistry and American Journal of Dentistry Med Oral Patol Oral Cir Bucal and referee of 10 additional peer-reviewed journals listed in JCR in Dentistry and Biomaterials categories.

Present Areas of Research

Today, the front-line topic concerns the degradation of non-calcified dentin collagen.

Title of BIOMMEDD 2010 lecture:

New trends in dental interfaces degradation´s studies: Presence of MMP-2 in dentin carious lesions