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Professor Iulian Antoniac is head of the Biomaterials Group, head of the Biomaterials & Interface Phenomenon Laboratory, full professor and coordinator of the Medical Engineering program at the Faculty of Materials Science and Engineering. He was appointed Vice Dean of this Faculty and member of the Senate of University “Politehnica” of Bucharest in 2016. Professor Antoniac has published widely, with over 200 papers in peer-reviewed journals and conference proceedings, 7 patents, several books (such as *Handbook of Bioceramics and Biocomposites*); as an invited speaker, he delivered many lectures at conferences on biomaterials, bioceramics and materials science. He is Editor in Chief of the journal entitled *Materials Science Forum*, editorial board member of other journals and reviewer for more than 40 journals. In 2005, he received the Daniel Bunea Award from the Romanian Society for Biomaterials. He has also received many awards for his patents at various international fairs and exhibitions on patents. He is currently President of the Romanian Society for Biomaterials (SRB), Former President and permanent Member of the Executive Committee of the International Society for Ceramics in Medicine (ISCM).

Professor Antoniac research interests include: bioceramics and metallic biomaterials for orthopedic and dental applications, bioceramic coatings, biocomposites, biopolymers, retrieval analysis of explants, techniques for materials characterization, bone regeneration, physical and chemical characterization of nano- and micro- particles for biomedical application.

Present areas of research: bioceramics, biocomposites, biodegradable metallic biomaterials, surface modification, interaction tissue-biomaterials, biointerfaces, tissue engineering, bone regeneration, retrieval and failure analysis of orthopedic and dental implants.