

Nicoleta ILIE Dipl-Eng, Dr rer hum biol, Professor Department of Operative Dentistry and Periodontology Faculty of Medicine Ludwig-Maximilians University Munich Munich, Germany



Nicoleta Ilie is a tenured scientist at the Department of Operative Dentistry and Periodontology, University Hospital of the Ludwig-Maximilians University Munich, Germany.

She studied "Technology of silicates and high temperature oxides" at the Traian Vuia University, Timişoara, Romania and material sciences focusing on glass and ceramics at the Friedrich Alexander University, Erlangen-Nuremberg, Germany. She has a PhD in material sciences from the Ludwig-Maximilians-University, Dental School, followed by postdoctoral lecture qualification (helilitation). Since 1000 the man excitate professor (2000) and is normal

(habilitation). Since 1999 she was assistant professor, then associate professor (2009) and is now a professor (2014) of biomaterials at the same university.Currently, she is an academic editor of the Stomatology Edu Journal, associate editor of the Journal of Dentistry, member of the editorial board of the following Journals: Journal of Dentistry, Dental Materials, Journal of Adhesive Dentistry, Stomatology Edu Journal.

She is a member of the Academy of Dental Materials and International Association of Dental Research. She published more than 130 articles in high-impact journals, with more than 5000 citations (H-index of 37, i10-index of 78).

Her areas of interest comprise the characterization and developing of new dental restorative materials with improved performance through the implementation of novel monomer and/or filler systems; the application of fracture mechanics methodology in the analysis of restorative materials and their adhesive interfaces to the hard tooth tissues or other restoratives, the characterization of light curing units and the quantification of material's tolerance to improper, but clinically relevant curing conditions.

Research interests: dental restorative materials, adhesive interfaces, characterization of light curing source.