

Curriculum Vitae

Personal information **Gottfried Schmalz**

Work experience

PROFESSOR

Professor for Operative Dentistry and Periodontology (since 1983)
Chair of the Department/Policlinic for Operative Dentistry and Periodontology (1983 - 2013)
Dean of Medical Faculty (1985 - 1987)
Dean of Dental School (1985 - 1987 and 1989 - 2012)
DIN/CEN/ISO medical device expert (since 1980, chairman ISO TC 106 (Dentistry) since 2016)
Advisor to SCENIHR (2012 - 2015)

Education and training

Germany

DENTIST – University of Bonn (1966 - 1971)

Germany

DR. MED. DENT. – University of Bonn (1972)

Germany

DR. MED. DENT. HABIL. – University of Tübingen (1980)

Additional information

Publications

[Biofilms on Restorative Materials - PubMed \(nih.gov\) Monogr Oral Sci. 2021;29:155-194](#)

Effect of the degree of conversion of resin-based composites on cytotoxicity, cell attachment, and gene expression.

Dent Mater . 2019 Aug;35(8):1173-1193. doi: 10.1016/j.dental.2019.05.01
<https://pubmed.ncbi.nlm.nih.gov/31174864/> – 2019

Five hundred patients reporting on adverse effects from dental materials: Frequencies, complaints, symptoms, allergies

Dent Mater . 2018 Dec;34(12):1756-1768. doi: 10.1016/j.dental.2018.09.012
<https://pubmed.ncbi.nlm.nih.gov/30360901/> – 2018

Nanoparticles in dentistry

Dent Mater . 2017 Nov;33(11):1298-1314. doi: 10.1016/j.dental.2017.08.193.
<https://pubmed.ncbi.nlm.nih.gov/28951037/> – 2017

Biocompatibility of biomaterials - Lessons learned and considerations for the design of novel materials

Dent Mater . 2017 Apr;33(4):382-393. doi: 10.1016/j.dental.2017.01.011
<https://pubmed.ncbi.nlm.nih.gov/28236437/> – 2017

Controlled, prospective, randomized, clinical split-mouth evaluation of partial ceramic crowns luted with a new, universal adhesive system/resin cement: results after 18 months

Clin Oral Investig . 2012 Feb;16(1):325-31. doi: 10.1007/s00784-010-0489-4

<https://pubmed.ncbi.nlm.nih.gov/26971352/> – 2016

Reinforcement of experimental composite materials based on amorphous calcium phosphate with inert fillers

Dent Mater . 2014 Sep;30(9):1052-60. doi: 10.1016/j.dental.2014.06.001. Epub 2014 Jul 8
<https://pubmed.ncbi.nlm.nih.gov/25015877/> – 2014

A review of adaptive mechanisms in cell responses towards oxidative stress caused by dental resin monomers

Biomaterials . 2013 Jun;34(19):4555-63. doi: 10.1016/j.biomaterials.2013.03.019
<https://pubmed.ncbi.nlm.nih.gov/23541107/> – 2013

The influence of glutathione on redox regulation by antioxidant proteins and apoptosis in macrophages

exposed to 2-hydroxyethyl methacrylate (HEMA)

Biomaterials . 2012 Jul;33(21):5177-86. doi: 10.1016/j.biomaterials.2012.04.013
<https://pubmed.ncbi.nlm.nih.gov/22534037/> – 2012

[Projects](#)

[Memberships](#)

[Other Relevant Information](#)

HONOURS AND AWARDS

2007

IADR Distinguished Scientist Award – International Association for Dental Research

2013

Award of Excellence – European Federation of Conservative Dentistry (EFCD)

2019

Ryge-Mahler Award – International Association for Dental Research/Dental Materials Group