



## ● WORK EXPERIENCE

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### PROFESSOR

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- 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

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Germany

**DENTIST** – University of Bonn (1966 - 1971)

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Germany

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

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Germany

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

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## ● LANGUAGE SKILLS

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**Mother tongue(s):** GERMAN

**Other language(s):**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1
<b>FRENCH</b>	A1	A1	A1	A1	A1

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Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● PUBLICATIONS

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

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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**

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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**

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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**

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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**

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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**

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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**

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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)**

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

## ● **HONOURS AND AWARDS**

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2007

**IADR Distinguished Scientist Award – International Association for Dental Research**

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2013

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

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2019

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

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