Prof. Dr.
Nadine Schlüter

CV

- **2004** Doctorate
- **2013** Venia Legendi
- **2011-2015** Senior physician, Department of Conservative and Preventive Dentistry, University of Giessen
- **2012** Research Fellow at the University of Bern, Medical Faculty, Dental Clinic, Department of Preventive, Restorative and Pediatric Dentistry (Head: Prof. Dr. A. Lussi), "Dental Materials"
- **Since 2015** Full Professor (W3) and Head of Division for Cariology, Department of Operative Dentistry and Periodontology, Medical Center – University of Freiburg

Focus of research

- Aetiology, patho-mechanism, prevention and therapy of dental hard tissue destructions
- Aspects of preventive strategies for Oral health maintenance
- Microbiological, dental hard tissue and cell associated sequela of tumor therapeutic radiation in the head-neck area and the their prevention

Selected publications

- Pini NI, Lima DA, Lovadino JR, Ganss C, Schlueter N. In vitro effi cacy of experimental chitosan-containing solutions as anti-erosive agents in enamel. Caries Res. 2016; 50(3):337-345.
- Schlueter N, Ganss C, Pötschke S, Klimek J, Hannig C. Enzyme activities in the oral fluids of patients suffering from bulimia: a controlled clinical trial. Caries Res. 2012; 46(2):130-9.
- Ganss C, Neutard L, von Hinckeldey J, Klimek J, Schlueter N. Effi cacy of a tin/fl uoride rinse: a randomized in situ trial on erosion. J Dent Res.' 2010; 89(11):1214-8.
- Schlueter N, Klimek J, Ganss C. Relationship between plaque score and video-monitored brushing performance after repeated instruction-a controlled, randomised clinical trial. Clin Oral Investig. 2013; 17(2):659-67.
- Schlueter N, Peutzfeldt A, Ganss C, Lussi A. Does tin pre-treatment enhance the bond strength of adhesive systems to enamel? J Dent. 2013; 41(7):642-52.

Research methods

- Profilometer (non-contact, optical sensors) for assessment of changes in surface roughness and surface geometry
- As from mid of 2017: Scanning electron microscope with SE-, Backscatter- and EDX-detector
- Equipement for video observation and analysis of habits and habitual patterns