



PREVENTION OF ORAL DISEASES Bielefeld, 24 May 2023

Biomimetic and natural active ingredients are used in preventive oral health care. Examples include calcium phosphates (e.g. hydroxyapatite, CPP-ACP), enzymes and xylitol. An ever-increasing number of published studies demonstrate their efficacy.

This symposium provides an up-to-date overview of the studies using biomimetic and natural active ingredients in preventive oral healthcare, with a focus on hydroxyapatite. The symposium is intended for all dentists from private practices and universities as well as dental students interested in gaining up-to-date knowledge of the use of hydroxyapatite for evidence-based clinical practice in modern preventive oral care. All speakers are well-known international experts in dentistry and hydroxyapatite research. After each presentation there will be sufficient time for questions and discussion.

■ 6 EDUCATION POINTS

We look forward to meeting you in Bielefeld!

Title image: SEM image of dentin (magnification factor: 5000x); taken from Fabritius/Enax/Meyer, A journey into our teeth, ISBN 978-3-949695-99-5

REGISTRATION

Further information about the symposium, as well as everything about registering can be found at: <https://www.drwolffgroup.com/oralcaresymposium>



Registration
online!

CONFERENCE FEES*

Conference fee	140 € (incl. 19% VAT)
Early bird until 01/03/2023	120 € (incl. 19% VAT)

The number of participants is limited; therefore, we are unable to guarantee you a place.

Due to spatial capacities, on-site registration is not possible.

* While the fees do not include overnight stays, they do include refreshments and dinner.

We ask for your understanding that partners accompanying you will not be able to participate.

If you have any organisational questions or requests, please contact:

Dr. Kurt Wolff GmbH & Co. KG

Johanneswerkstraße 34-36
33611 Bielefeld

☎ +49 (0)521 8808-214 oder -269 (only on May 24, 2023 from 10:00 am)
@ oralcare-symposium@drwolffgroup.com



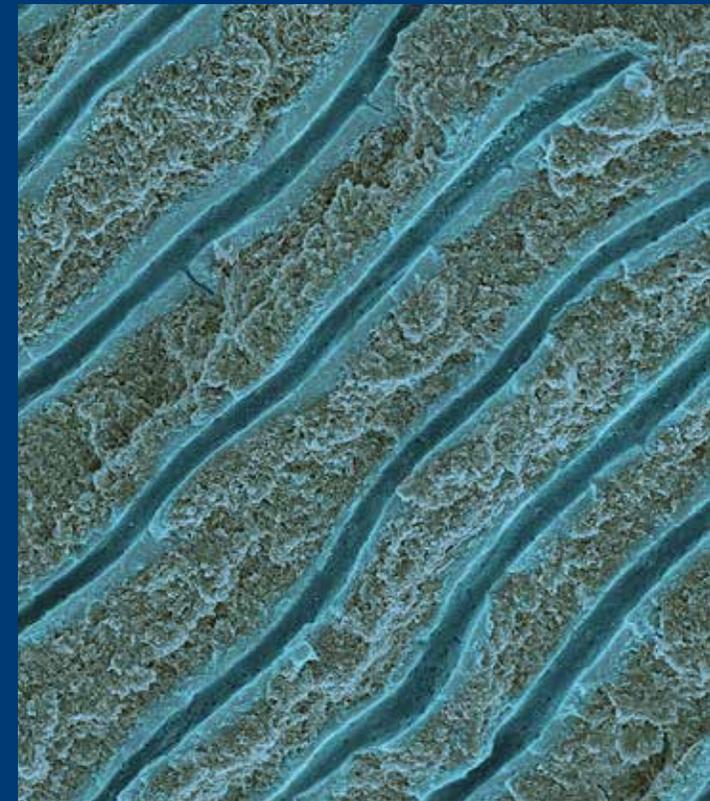
VENUE

Dr. Wolff Institute | Stadtheider St. 52 | 33609 Bielefeld | Germany
You can leave your own car free of charge at the venue.

LANGUAGE:
English

EVENT ORGANISATION

Dr. Kurt Wolff GmbH & Co. KG



PREVENTION OF ORAL DISEASES

INVITATION

to the international symposium
on 24 May 2023
in Bielefeld

AGENDA

Wednesday, 24 May 2023

THE PRESENTERS

12:00 p.m. **Arrival, snack and get-together**

1:00 p.m. **Welcome & overview of biomimetic and natural active ingredients in oral care**

Dr. Joachim Enax & Dr. Frederic Meyer
Senior scientists Dr. Wolff Oral Care



Dr. Joachim Enax obtained his PhD in inorganic chemistry on the analysis of shark teeth and the development of calcium phosphate-polymer dental composites at the University of Duisburg-Essen, Germany. He is a senior scientist for oral care at the company Dr. Kurt Wolff GmbH & Co. KG in Bielefeld, Germany.

1:30 p.m. **Systematic reviews and meta-analyses of hydroxyapatite in the fields of caries, dentin hypersensitivity and whitening**

Prof. (emeritus) Dr. Hardy Limeback
Faculty of Dentistry, University of Toronto, Canada



Dr. Frederic Meyer obtained his PhD in microbiology and epidemiology on the epidemiology and microbiome composition of early childhood caries at the Technical University of Braunschweig, Germany in cooperation with the Helmholtz Centre for Infection Research in Braunschweig, Germany. He is a senior scientist for oral care at the company Dr. Kurt Wolff GmbH & Co. KG in Bielefeld, Germany.

2:10 p.m. **Cariology clinical studies (RCTs) on toothpastes: Planning, conducting and analysis**

Prof. Dr. Elżbieta Paszynska
*Department of Integrated Dentistry,
Poznan University of Medical Sciences, Poland*
Prof. (assoc.) Dr. Małgorzata Pawińska
*Department of Integrated Dentistry,
Medical University of Białystok, Poland*



Prof. (emeritus) Dr. Hardy Limeback preventative dentistry at the University of Toronto, has published more than 100 research papers, articles and book chapters popular textbook on preventative dentistry. He practiced dentistry for 37 years and still teaches and conducts research, currently focusing on hydroxyapatite.

3:00 p.m. **Coffee break**

3:30 p.m. **Microstructures of enamel and dentin of healthy permanent teeth and deciduous teeth and effects of caries and erosion**

Prof. Dr. Helge-Otto Fabritius
*Bionics and Materials Development, Hamm-Lippstadt
University of Applied Sciences, Hamm, Germany*



Prof. Dr. Elżbieta Paszynska obtained her degree in dentistry her dental degree from Poznan University of Medical Sciences in Poland (PUMS), is a specialist in operative dentistry and endodontics, has been involved in dental education and oral research since being awarded a fellowship in the Department of Biomaterials and Experimental Dentistry (PUMS). She is the head of the Department of Integrated Dentistry (PUMS).

4:10 p.m. **The use of amelotin in dentistry**

Prof. Dr. Bernhard Ganss
Faculty of Dentistry, University of Toronto, Canada



Prof. (assoc.) Dr. Małgorzata Pawińska is a specialist in general dentistry and conservative dentistry. She is currently head of the Department of Integrated Dentistry at the Medical University of Białystok, Poland.



Prof. Dr. Helge-Otto Fabritius is a biologist and teaches Bionics and Materials development at Hamm-Lippstadt University of Applied Sciences, Germany. His scientific work centres around the relationships between structure, composition, properties and function of biogenic materials and he is an expert in their experimental characterization.

4:50 p.m. **In situ and in vitro remineralization studies on CPP-ACP, hydroxyapatite and other calcium phosphates in oral care products**

Prof. Dr. Bennett T. Amaechi
*Department of Comprehensive Dentistry,
University of Texas Health, San Antonio, USA*



Prof. Dr. Bernhard Ganss received a graduate degree (Dipl.-Chem.) in pharmaceutical chemistry and a Ph.D. (Dr. rer. nat.) in biochemistry and molecular biology from the University of Regensburg and the Max Planck Institute in Martinsried, respectively, followed by post-doctoral training at Shriners Hospital in Montreal (Canada). In 1996 he joined the University of Toronto's Faculty of Dentistry as a professor, where he held the position of Vice Dean (Research) from 2014 to 2022.

5:30 p.m. **Questions, discussion and closing remarks**

6:30 p.m. **Dinner and further discussions**



Prof. Dr. Bennett T. Amaechi is a professor of dentistry at the University of Texas Health San Antonio, School of Dentistry, USA. He began his career as a dentist with specialist training with a Master's degree in prosthodontics and dental implantology at Guy's Hospital, London, and a PhD degree in Cariology at the University of Liverpool.