

**Univ.-Prof. Dr. med. dent. James Deschner**

\*07.06.1965

Head and Professor of Periodontology and Operative Dentistry (W3)

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**Academia**

2007 Habilitation, University of Bonn, Germany  
1994 – 1997 Dr. med. dent., Free University Berlin, Germany  
1989 – 1994 Dental Studies, Free University Berlin, Germany

**Career**

since 2024 "Fachzahnarzt Parodontologie" (LZK RLP)  
2022 – 2023 DAAD-funded research stays at the Ege University, Izmir, Turkey  
2021 – 2026 Dean of Studies at the Dental School (Studiendekan Zahnmedizin, JGU Mainz)  
2020 Visiting Academic, University of Sydney, Australia  
2019 ERASMUS+ Guest Lecturer at the Ege University, Izmir, Turkey  
2018 – 2019 DAAD-funded research stays at the São Paulo State University - UNESP, Araraquara, São Paulo, Brazil  
since 2018 Director of the Department of Periodontology and Operative Dentistry, University Medical Center, Johannes Gutenberg University, Germany  
2017 Noel Martin Visiting Chair, Faculty of Dentistry, University of Sydney, Australia  
2015 – 2016 DAAD-funded research stays at the University of Athens, Greece  
2015 – 2018 Head of Section of Experimental Dento-Maxillo-Facial Medicine, University of Bonn, Germany  
2009 – 2018 Professorship in Experimental Dento-Maxillo-Facial Medicine, University of Bonn, Germany  
2008 – 2015 Head of the DFG-funded Clinical Research Unit 208 (KFO 208) "Aetiology and Sequelae of Periodontal Diseases - Genetic, Cell Biological and Biomechanical Aspects", University of Bonn, Germany  
2006 – 2008 Scientific Staff Member (wiss. Mitarbeiter), Dept. of Periodontology, Operative and Preventive Dentistry, University of Bonn, Germany  
2004 – 2005 Adjunct Assistant Professor, Section of Orthodontics, Ohio State University, USA  
2003 – 2006 Visiting Assistant Professor, Section of Oral Biology, Ohio State University, USA  
2002 – 2003 Postdoctoral Research Fellow, University of Pittsburgh, USA  
since 2000 DG PARO Specialist in Periodontology® (German Society of Periodontology)  
1998 – 2002 Scientific Staff Member (wiss. Mitarbeiter), Dept. of Operative Dentistry and Periodontology, University of Cologne, Germany  
1994 – 1998 Scientific Staff Member (wiss. Mitarbeiter), Dept. Periodontology and Synoptic Dentistry, School of Dentistry, Humboldt University Berlin (Charité), Germany

## Awards

- 2023 AfG-elmex<sup>®</sup>-Award, with Damanaki et al., 55<sup>th</sup> Annual Meeting of the AfG, Mainz, Germany
- 2022 Special Prize in the Print Category for the publication “Gesund beginnt im Mund!”, with Peter Erik Felzer, proDente Journalists’ Award “Abdruck”, Leipzig, Germany
- 2022 Karl-Ludwig Ackermann Award for Research and Innovation in Dentistry (category: preclinical research), with Imber et al., LZK Rhineland-Palatinate, Zahnheilkunde 2022, Mainz, Germany
- 2022 AfG-elmex<sup>®</sup>-Award, with Eggers et al., 54<sup>th</sup> Annual Meeting of the AfG, Mainz, Germany
- 2021 1<sup>st</sup> Prize, European Federation of Periodontology (EFP) Postgraduate Research Prize in Preclinical/Basic Research with Imber JC et al.
- 2020 Presentation Award, with Gubernator et al., 52<sup>nd</sup> Annual Meeting of the AfG, Mainz, Germany
- 2019 Presentation Award for Junior Scientists, with Memmert et al., 92<sup>nd</sup> Annual Meeting of the German Society of Orthodontics (DGKFO), Nuremberg
- 2019 AfG-elmex<sup>®</sup>-Award, with Nogueira et al., 51<sup>st</sup> Annual Meeting of the Society for Basic Research (AfG), Mainz, Germany
- 2018 AfG-elmex<sup>®</sup>-Award, with Memmert et al., 50<sup>th</sup> Annual Meeting of the Society for Basic Research (AfG), Mainz, Germany
- 2017 Presentation Award for Junior Scientists, with Memmert et al., 90<sup>th</sup> Annual Meeting of the German Society of Orthodontics (DGKFO), Bonn, Germany
- 2017 AfG-GABA<sup>®</sup>-Award, with Damanaki et al., 49<sup>th</sup> Annual Meeting of the Society for Basic Research (AfG), Mainz, Germany
- 2014 Presentation Award for Junior Scientists, with Memmert et al., 87<sup>th</sup> Annual Meeting of the German Society of Orthodontics (DGKFO), Munich, Germany
- 2014 AfG-Straumann<sup>®</sup>-Award, with Waller et al., 46<sup>th</sup> Annual Meeting of the Society for Basic Research (AfG), Mainz, Germany
- 2013 Espertise<sup>®</sup> Talent Award for Dental Scientists, with Waller et al., 3M Espe Seefeld, Germany
- 2013 AfG-Straumann<sup>®</sup>-Award, with Memmert et al., 45<sup>th</sup> Annual Meeting of the Society for Basic Research (AfG), Mainz, Germany
- 2011 Presentation Award, with Memmert et al., Postgraduate Summer School, Xian, China
- 2011 AfG-GABA<sup>®</sup>-Award, with Konermann et al., 43<sup>rd</sup> Annual Meeting of the Society for Basic Research (AfG), Mainz, Germany
- 2010 AfG-Straumann<sup>®</sup>-Award, with Konermann et al., 42<sup>nd</sup> Annual Meeting of the Society for Basic Research (AfG), Mainz, Germany

## Selected Publications

Gutierrez LS, Zandim-Barcelos DL, Eick S, Lopes MES, Cirelli JA, Nogueira AVB, **Deschner J** (2024). Possible immunomodulatory role of Filifactor alocis through beta-defensin 2 in gingival keratinocytes. *Clin Oral Investig* 28(12):658.

Jepsen S, Suvan J, **Deschner J**. (2020). The association of periodontal diseases with metabolic syndrome and obesity. *Periodontol* 2000 83(1):125-153.

Memmert S, Damanaki A, Nokhbehsaim M, Nogueira AVB, Eick S, Cirelli JA, Jäger A, **Deschner J** (2019). Regulation of somatostatin receptor 2 by proinflammatory, microbial and obesity-related signals in periodontal cells and tissues. *Head Face Med* 15(1):2.

Memmert S, Damanaki A, Nogueira AVB, Nokhbehsaim M, Götz W, Cirelli JA, Rath-Deschner B, Jäger A, **Deschner J** (2019). Regulation of tyrosine hydroxylase in periodontal fibroblasts and tissues by obesity-associated stimuli. *Cell Tissue Res* 375(3):619-628.

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Damanaki A, Memmert S, Nokhbehshaim M, Sanyal A, Gnad T, Pfeifer A, **Deschner J** (2018). Impact of obesity and aging on crestal alveolar bone height in mice. *Ann Anat* 218:227-235.

Papageorgiou SN, Hagner M, Nogueira AV, Franke A, Jäger A, **Deschner J** (2017). Inflammatory bowel disease and oral health: systematic review and a meta-analysis. *J Clin Periodontol* 44(4):382-393.

Papageorgiou SN, Reichert C, Jäger A, **Deschner J** (2015). Effect of overweight/obesity on response to periodontal treatment: systematic review and a meta-analysis. *J Clin Periodontol* 42(3):247-261.

**Deschner J**, Eick S, Damanaki A, Nokhbehshaim M (2014). The role of adipokines in periodontal infection and healing. *Mol Oral Microbiol* 29(6):258-269.

Kraus D, Winter J, Jepsen S, Jäger A, Meyer R, **Deschner J** (2012). Interactions of adiponectin and lipopolysaccharide from *Porphyromonas gingivalis* on human oral epithelial cells. *PLoS One* 7(2):e30716.

Nokhbehshaim M, Deschner B, Winter J, Bourauel C, Rath B, Jäger A, Jepsen S, **Deschner J** (2011). Interactions of regenerative, inflammatory and biomechanical signals on bone morphogenetic protein-2 in periodontal ligament cells. *J Periodontal Res* 46(3):374-381.