



Moritz Kebschull

Personal Information, Qualifications & Employment

Date of birth September 5th, 1978, Münster, Germany
Nationality German

Professional Training & Employment History

- 2015 **Adjunct Associate Professor of Dental Medicine.**
Division of Periodontics, Columbia University College of Dental Medicine, New York, NY, USA
- 2014 **Habilitation (Postdoctoral lecture qualification, *Privat-Dozent*).**
University of Bonn; equivalent to associate professorship
- 2014 **Offer, Chair in Periodontology and Operative Dentistry.**
Sigmund Freud Private University, Vienna, Austria (declined)
- April 2011 – **Consultant.**
today Department of Periodontology, Operative & Prev. Dentistry, University of Bonn, Germany
(Director: Prof. Søren Jepsen)
- April 2009 – **Gerok Fellow (German Research Foundation - DFG).**
2011 Clinical Research Unit 208 (DFG), Bonn, Germany (Mentor: Prof. Søren Jepsen)
- Nov. 2009 **Periodontics Speciality Recognition.**
German Society for Periodontology (DGParo)
- Oct. 2008 **German Board Certification in Periodontology.**
Dental chamber Westfalen-Lippe, Münster, Germany
- Oct. 2007 – **Postdoctoral Fellow.**
April 2009 Division of Periodontics, Columbia University College of Dental Medicine, New York, NY, USA (Mentor: Prof. Panos N. Papapanou)
- Oct. 2005 – **Periodontology Residency.**
Sept. 2007 Private practice for periodontology and oral surgery, Dr. H.G. von der Ohe, Bielefeld, Germany
- Oct. 2004 – **General Practice Residency.**
Oct. 2005 Private practice for periodontology and oral surgery, Dr. H.G. von der Ohe, Bielefeld, Germany

- Dec. 2004 **Doctoral Thesis.**
Department of Internal Medicine B, University of Münster, Germany, grade *magna cum laude*
- 2002 – Dec. 2004 **Doctoral Student**, *Mucosal immunology group.*
Department of Internal Medicine B, University of Münster, Germany

Habilitation

- Title **Molecular Classification of Periodontal Diseases.**
- Advisor **Prof. Søren Jepsen.**
Department of Periodontology, Operative & Prev. Dentistry, University of Bonn, Germany

Doctoral Work

- Title **Gene expression profiles of human intestinal microvascular endothelial cells.**
- Advisor **Prof. Torsten Kucharzik.**
Department of Internal Medicine B, University of Münster, Germany

Dental Training

- June 2004 **License to practice in the EU.**
Münster district council, Germany
- 1999 – 2004 **Dental school (5 year curriculum), University of Münster.**
State exams June 2004 – Overall average grade A
- 1998 - 1999 **Military Duty.**
Lance Corporal, Medical Service, 1. German-Netherlands Corps, Münster, Germany
- 1998 **Abitur.**
University entrance qualification; Einstein-Gymnasium, Rheda-Wiedenbrück, Germany
(Overall average grade 1,0)

Teaching

Teaching Experience - Academic

- Undergrad teaching Integrated clinical course I/II (4th and 5th year)
(Course director, from 2015; deputy course director, 2011 - 2014)
- Postgrad teaching Mentoring (clinical & research activities) of periodontal residents
(summer semester 2009 - today)
- Extramural Instructor 'Machine Learning',
Epidemiology and Population Health Summer Institute at Columbia University (EPIC),
Mailman School of Public Health, New York, NY, USA (2014 & 2015)
- Invited lectures Columbia University; Forsyth Institute, Cambridge, MA; Jönköping Institute of Post-graduate Dental Education, Sweden; University of Düsseldorf, Germany, University of Tübingen, Germany; University of Würzburg, Germany
- Doctoral students
1. cand. med. Manuela Haupt
Identification of molecular interaction partners of the periodontitis-associated protein Spag4
 2. cand. med. dent. Alina Winkelmann
Generation of a reporter cell line for the periodontitis-associated protein Spag4 by reverse genetics
 3. cand. med. dent. Claudia Hülsmann
Molecular profiles of human periimplantitis lesions
 4. cand. med. dent. Sarah Romer
Periodontal infections and neurodegeneration – an in vivo study in transgenic mice
 5. cand. med. dent. Annika Kröger
Periodontal infections and neurodegeneration – a study in a brain organ model
 6. cand. med. dent. Isabel Scharfenberg
Mechanisms and function of the activation of the ER stress pathway in periodontitis
 7. cand. med. dent. Andreas Kreyer
Frequency of type I and II NKT cells in subjects with different periodontal diseases
- Master students
1. Dr. med. dent. Holger Garling, Schwerin – *Periodontitis and cardiovascular diseases*
– accepted Jan. 2012, grade A

Teaching Experience - CE Courses & Conferences

- Congress lectures IADR General Session; German Dental Conference; Westfalian Dental Conference, DGParo Annual & Spring Meetings; NAgP Annual Meeting; BDO/DGMKG Annual Meeting; Gordon Conferences in Periodontology; Penn Periodontal Conference

Dental chambers Bayern, Bremen, FFZ Freiburg, Hessen, Mecklenburg-Vorpommern, Niedersachsen, Nordrhein, Rheinland-Pfalz, Sachsen, Sachsen-Anhalt, Schleswig-Holstein, Westfalen-Lippe

Others Akademie Praxis und Wissenschaft, Berufsverband der Fachzahnärzte für Parodontologie; ITI Study Clubs; Oral B; Fortbildungsinstitut Rosenberg; VwZ Stuttgart; ZfZ Heidelberg; Oemus Media

Research

Scientific Focus Areas

- Pathophysiology of periodontal and peri-implant diseases
 - Molecular and immunological differences between aggressive and chronic periodontitis
 - Classification of periodontal diseases based on their pathophysiology
 - Molecular characterization of peri-implant diseases (Implantomics study)
- Systemic interactions of periodontal infections
 - Periodontal infections and atherosclerosis
 - Periodontal infections and neurodegeneration

Scientific Methods

- Clinical
 - Experience in conducting translational research projects, including the standardized collection of biomaterials
 - Formal qualification to lead clinical studies/trials
 - Implementation of a server-based eCRF program
- Wet Lab
 - Own laboratory fully equipped for molecular biology studies and sample preparation for high-throughput analyses
 - Cell culture models for periodontal infections
 - Analysis and culture of oral bacteria and their *loss-of-function* mutants
 - Mouse models for periodontitis, atherosclerosis, Alzheimer's disease
 - Molecular biology (cloning, viral transduction, BAC recombineering, RNA interference)
 - Expression profiling (qPCR, microarrays, next-generation sequencing)
 - Protein biochemistry and microscopy
- Dry Lab
 - Enterprise-grade server and storage subsystem machines
 - Bioinformatic analysis of high-throughput (microarray, next-generation sequencing) data
 - *Machine Learning*
 - Multivariate analysis
 - Network analysis / *Systems Biology*

Certifications

- Permit to handle infectious organisms (BSL2)
- Permit to lead a BSL2 molecular biology lab

- Certification for study directors
- Permit for shipping of dangerous (i.e., infectious and/or genetically modified) goods (IATA)

Scientific functions

<i>Editorial Board</i>	Journal of Clinical Periodontology Current Oral Health Reports Der junge Zahnarzt
<i>Ad hoc Reviewer</i>	Journal of Dental Research Journal of Periodontal Research Journal of Periodontology Clinical Oral Investigations Archives of Oral Biology Future Microbiology Oral Health & Preventive Dentistry Acta Odontologica Scandinavica Quintessence International DNA and Cell Biology Inflammation Research Clinical Science Innate Immunity Inflammation Research
<i>Consensus Conferences</i>	EFP VII. European Workshop in Periodontology, Segovia, Nov., 2010 BDIZ/EDI Consensus Conference, Cologne, Germany, March, 2012 EAO Summer Camp, Venice, IT, June, 2012 ESF Workshop 'Host-Environment Interactions', Aarhus, DK, Nov., 2012 International Brainstorming Meeting on Peri-implantitis, Montegrotto, IT, Aug., 2014

Scientific Cooperations

- International Cooperations
 - Prof. Panos N. Papapanou, Periodontics, Columbia University, New York, NY, USA
(High-throughput analyses of periodontal tissues and bioinformatical analyses)
 - Prof. Paolo C. Colombo, Cardiology, Columbia University, New York, NY, USA
(Method for expression profiling of human endothelial cells *ex vivo*)
 - Prof. Alpdogan Kantarci, The Forsyth Institute, Boston, MA, USA
(NKT cell populations and hypoxia response in aggressive periodontitis)
 - Prof. David Wong, UCLA, Los Angeles, CA, USA
(Saliva analyses)
 - Prof. Bettina Grün, Linz, Austria
(Mixture model clustering)
 - Co-investigators Implant-omics multicenter study
 - Prof. Stefan Renvert & Ann-Marie Roos-Jansaker, Kristianstad, Sweden
 - Dres. Christer Slotte & Ola Norderyd, Jönköping, Sweden
 - Dr. Thomas Spinell, Bolzano, Italy

*Department of Periodontology, Operative and Preventive Dentistry –
University of Bonn, Welschnonnenstr. 17, 53111 Bonn, Germany*
☎ +49 228 287 22 007 ■ ✉ moritz.kebschull@uni-bonn.de

o National Cooperations

- Prof. Nikos Werner, Cardiology, Bonn
(Periodontitis and vascular damage)
- Dr. Dan Ehninger, German Center for Neurodegenerative Diseases (DZNE), Bonn
(Periodontitis und Neurodegeneration)
- Prof. Monique Breteler, German Center for Neurodegenerative Diseases (DZNE), Bonn
(Dental Part of the longitudinal Rhineland study)
- PD Dr. Stefan Fickl & Prof. Ulrich Schlegelhauf, Periodontics, Würzburg
(Statistical support of clinical and experimental studies, Implant-omics study)
- Prof. Anne-Laure Boulesteix, Biometrie, Munich
(Classification algorithms)
- PD Dr. Michael Nowak & Prof. Sven Perner, Pathology, Bonn
(NKT cells in periodontitis; high-throughput analyses)
- Dr. Benjamin Krämer & Prof. Jakob Nattermann, Gastroenterology, Bonn
(NK cell biology; high-throughput analyses)
- Dr. Ute Schütte & PD Georg Feldmann, Oncology, Bonn
(Microarray, NGS analyses)
- Dr. Per Hoffmann & Prof. Marcus Noethen, Human Genetics, Bonn
(Core-Facility for high-throughput analyses)
- Co-investigators Implant-omics multicenter study
 - Prof. Heiner Weber, Prosthodontics, Tübingen
 - Prof. Frank Schwarz, Oral Surgery, Düsseldorf

Funding & Honors

Research Support

- 2013-2014 **Co-PI**, *Grant award*, German Society for Periodontology, with Dr. Lisa Hierse.
€10,500 consumables
- 2013-2014 **Mentor**, *Young Researcher's Academy in Dentistry*, German Research Foundation (DFG), with Dr. Lisa Hierse.
€76,000
- 2011-2014 **Project leader**, *Clinical Research Unit 208*, German Research Foundation (DFG), jointly with Prof. Nikos Werner.
€219,600 personnel, €75,000 consumables
- 2011 **Grant award for peri-implantitis research**, *German Society for Periodontology*.
€50,000 consumables
- 2009-2010 **Grant**, *German Society for Oral and Maxillofacial Sciences (DGZMK)*.
€20,000 consumables
- 2008 **IADR/Philips Oral Healthcare Young Investigator Research Grant Award**.
\$ 10,000 consumables

Scientific Awards

- 2015 **William J. Gies Award**, *for Clinical Research*, (AADR/IADR).
Best paper published in the *J Dent Res* in 2014
- 2014 **Best Oral Presentation**, *German Society for Periodontology (DGParo) Meeting*.
- 2014 **Best Poster Presentation**, *German Society for Periodontology (DGParo) Meeting*.
- 2013 **Best Oral Presentation**, *German Society for Periodontology (DGParo) Meeting*.
- 2013 **Meridol Prize**, *German Society for Periodontology (DGParo)*, 1st prize.
- 2013 **Meridol Prize**, *German Society for Periodontology (DGParo)*, 2nd prize.
- 2013 **Past President's Travel Award**, *IADR Periodontal Research Group*.
- 2011 **Miller Prize**, *German Society for Oral and Maxillo-Facial Sciences (DGZMK)*.
- 2011 **Best Oral Presentation**, *German Society for Periodontology (DGParo) Meeting*.
- 2010 **Best Poster Presentation**, *German Society for Periodontology (DGParo) Meeting*.
- 2009 **Meridol Prize**, *German Society for Periodontology (DGParo)*.
- 2008 **IADR/Philips Oral Healthcare Young Investigator Research Grant Award**.

Scholarships & Travel grants

- 2014 **Travel Grant**, *German Society for Periodontology (DGParo)*.
- 2013 **Travel Grant**, *German Academic Exchange Service (DAAD)*.
- 2013 **Travel Grant**, *German Society for Periodontology (DGParo)*.
- 2013 **Past President's Travel Award**, *IADR Periodontal Research Group*.
- 2011 **Travel Grant**, *German Society for Periodontology (DGParo)*.
- 2011 **Travel Grant**, *German Academic Exchange Service (DAAD)*.

- 2010 **Travel Grant**, *German Academic Exchange Service (DAAD)*.
- 2009-2011 **Gerok – Fellowship**, *German Research Foundation (DFG)*.
- 2008 **Travel Grant**, *SABiosciences, Inc.*.
- 2007–2009 **Fellowship** , *Columbia University, New York, NY, USA*.
- 2007–2008 **Scholarship**, *Neue Gruppe Wissenschaftsfonds*.
- 2003 **Participant**, *Lindau Nobel Laureate Meeting, Lindau, Germany*.
- 2000–2004 **Scholarship**, *Konrad-Adenauer-Foundation, St. Augustin, Germany*.

Publications

Citation Metrics (Google Scholar)

Citations	689
H Index	14
i10 Index	15
Impact Factor	136.7 (cumulative IF), 88.3 (cumulative, corrected IF)

Original Publications (peer-reviewed, JCR-listed)

1. Fickl, S., **Kebschull, M.**, Clavo-Guirado, J.L., Schlagenhaut, U., Hürzeler, M., Zuhr, O. 2014. Experimental peri-implantitis around different types of implants - a clinical and radiographic study in dogs. *Clin Impl Dent Rel Res* accepted Oct 29.
2. Jönsson, D., Spinell, T., Vrettos, A., Stöcklin-Wasmer, C., Celenti, R., Demmer, R.T., **Kebschull, M.**, Papapanou, P.N. 2014. Circulating endothelial progenitor cells in periodontitis. *J Periodontol* accepted Jul 03.
3. Heidemann, J., **Kebschull, M.**, Tepassee, P.R., Bettenworth, D. 2014. Regulated expression of leukocyte-specific transcript (LST) 1 in human intestinal inflammation. *Inflamm Res* Jul; 63(7):513-7.
4. **Kebschull, M.**, Demmer, R.T., Grün, B., Guarnieri, P., Pavlidis, P., Papapanou, P.N. 2014. Gingival Tissue Transcriptomes Identify Distinct Periodontitis Phenotypes. *J Dent Res* May; 93(5):459-68.
5. Schütte, U., Bisht, S., Heukamp, L.C., **Kebschull, M.**, Florin, A., Haarmann, J., Hoffmann, P., Bendas, G., Buettner, R., Brossart, P., Feldmann, G. 2014. Hippo signaling mediates proliferation, invasiveness and metastatic potential of clear cell renal carcinoma. *Transl Oncol* Apr; 7(2):309-21.
6. Fickl, S., Fischer, K., Jockel-Schneider, Y., Stappert, C., Schlagenhaut, U., **Kebschull, M.** 2014. Early wound healing and patient morbidity after single incision vs. trap door graft harvesting from the palate - a clinical study *Clin Oral Invest*, Epub ahead of print Febr 23.
7. Fickl, S., Nannmark, U., Schlagenhaut, U., Hürzeler, M., **Kebschull, M.** 2014. Porcine dermal matrix in the treatment of dehiscence-type defects - an experimental split-mouth animal trial. *Clin Oral Impl Res*, Epub ahead of print Feb 19.
8. Fischer, K., Richter, T., **Kebschull, M.**, Petersen, N., Schlagenhaut, U., Fickl, S. 2014. On the relationship between gingival biotypes and gingival thickness in young caucasians. *Clin Oral Impl Res*, Epub ahead of print Mar 1.
9. Hoyer, F.F., Khoury, M., Slomka, H., **Kebschull, M.**, Lerner, R., Lutz, B., Schott, H., Lütjohann D., Wojtalla, A., Becker, A., Zimmer, A., Nickenig, G. 2013. Inhibition of endocannabinoid-degrading enzyme fatty acid amide hydrolase increases atherosclerotic plaque vulnerability in mice. *J Mol Cell Cardiol* Nov 25; 66C:126-132.
10. Colombo, P.C., Onat, D., Harxhi, A., Demmer, R.T., Hayashi, Y., Jelic, S., Le Jemtel, T.H., Bucciarrelli, L., **Kebschull, M.**, Papapanou, P.N., Uriel, N., Schmidt, A.M., Sabbah, H.N., Jorde, U.P. 2013. Peripheral Venous Congestion Causes Inflammation, Neurohormonal and Endothelial Cell Activation. *Eur Heart J* 35(7):448-54.

11. **Kebschull M.**, Guarnieri P., Demmer R.T., Boulesteix A.L., Pavlidis P., Papapanou P.N. 2013. Molecular differences between chronic and aggressive periodontitis. *J Dent Res* 92(12):1081-8.
12. Fickl S., Fischer K.R., Negri B., Ruíz R.D., Calvo-Guirado J.L., **Kebschull M.**, Schlegelhauf U. 2013. Tissue response following papilla-sparing and sulcular incisions in oral surgery-an experimental study. *Clin Oral Invest* Epub ahead of print Aug 7.
13. Nowak M, Svensson MA, Carlsson J, Vogel W, **Kebschull M**, Wernert N, Kristiansen G, Andrén O, Braun M, Perner S. 2013. Prognostic significance of phospho-histone H3 in prostate carcinoma. *World J Urol* Jul 26.
14. Nowak, M., B. Kramer, M. Haupt, P. N. Papapanou, J. Kebschull, P. Hoffmann, I. G. Schmidt-Wolf, S. Jepsen, P. Brossart, S. Perner, and **M. Kebschull**. 2013. Activation of Invariant NK T Cells in Periodontitis Lesions. *J Immunol* Mar 1;190(5):2282-91.
15. **Kebschull, M.**, M. Haupt, S. Jepsen, J. Deschner, G. Nickenig, and N. Werner. 2013. Mobilization of endothelial progenitors by recurrent bacteremias with a periodontal pathogen. *PLoS One* 8: e54860.
16. Kramer, B.* and **M. Kebschull***, M. Nowak, R. T. Demmer, M. Haupt, C. Korner, S. Perner, S. Jepsen, J. Nattermann*, and P. N. Papapanou*. 2013. Role of the NK Cell-Activating Receptor CRACC in Periodontitis. *Infect Immun* 81: 690-696. (*** equal contribution**)
17. Stoecklin-Wasmer, C., P. Guarnieri, R. Celenti, R. T. Demmer, **M. Kebschull**, and P. N. Papapanou. 2012. MicroRNAs and Their Target Genes in Gingival Tissues. *J Dent Res*.
18. Jansen, F., X. Yang, F. F. Hoyer, K. Paul, N. Heiermann, M. U. Becher, N. Abu Hussein, **M. Kebschull**, J. Bedorf, B. S. Franklin, E. Latz, G. Nickenig, and N. Werner. 2012. Endothelial microparticle uptake in target cells is annexin I/phosphatidylserine receptor dependent and prevents apoptosis. *Arterioscler Thromb Vasc Biol* 32: 1925-1935.
19. Kramer, B., C. Korner, **M. Kebschull**, A. Glassner, M. Eisenhardt, H. D. Nischalke, M. Alexander, T. Sauerbruch, U. Spengler, and J. Nattermann. 2012. Natural killer p46High expression defines a natural killer cell subset that is potentially involved in control of hepatitis C virus replication and modulation of liver fibrosis. *Hepatology* 56: 1201-1213.
20. Jonsson, D., P. Ramberg, R. T. Demmer, **M. Kebschull**, G. Dahlen, and P. N. Papapanou. 2011. Gingival tissue transcriptomes in experimental gingivitis. *J Clin Periodontol* 38: 599-611.
21. Fickl, S., **M. Kebschull**, P. Schupbach, O. Zuhr, U. Schlegelhauf, and M. B. Hurzeler. 2011. Bone loss after full-thickness and partial-thickness flap elevation. *J Clin Periodontol* 38: 157-162.
22. Pollreis, A., Y. Huang, G. A. Roth, B. Cheng, **M. Kebschull**, P. N. Papapanou, A. M. Schmidt, and E. Lalla. 2010. Enhanced monocyte migration and pro-inflammatory cytokine production by Porphyromonas gingivalis infection. *J Periodontol* 45: 239-245.
23. Papapanou, P. N., J. H. Behle, **M. Kebschull**, R. Celenti, D. L. Wolf, M. Handfield, P. Pavlidis, and R. T. Demmer. 2009. Subgingival bacterial colonization profiles correlate with gingival tissue gene expression. *BMC Microbiol* 9: 221.
24. Bucciarelli, L., A. Pollreis, **M. Kebschull**, A. Ganda, A. Kalea, B. Hudson, Y. Zou, E. Lalla, R. Ramasamy, P. Colombo, A. Schmidt, and S. Yan. 2009. Inflammatory stress in primary venous and aortic endothelial cells of type 1 diabetic mice. *Diabetes & Vascular Disease Research* 6: 249-261.
25. Fickl, S., O. Zuhr, H. Wachtel, **M. Kebschull**, and M. B. Hurzeler. 2009. Hard tissue alterations after socket preservation with additional buccal overbuilding: a study in the beagle dog. *J Clin Periodontol* 36: 898-904.
26. Fickl, S., T. Thalmeier, **M. Kebschull**, S. Bohm, and H. Wachtel. 2009. Microsurgical access flap in conjunction with enamel matrix derivative for the treatment of intra-bony defects: a controlled clinical trial. *J Clin Periodontol* 36: 784-790.

27. Behle, J. H., M. H. Sedaghatfar, R. T. Demmer, D. L. Wolf, R. Celenti, **M. Kebschull**, P. B. Belusko, M. Herrera-Abreu, E. Lalla, and P. N. Papapanou. 2009. Heterogeneity of systemic inflammatory responses to periodontal therapy. *J Clin Periodontol* 36: 287-294.
28. **Kebschull, M.**, R. Demmer, J. H. Behle, A. Pollreis, J. Heidemann, P. B. Belusko, R. Celenti, P. Pavlidis, and P. N. Papapanou. 2009. Granulocyte chemotactic protein 2 (gcp-2/cxcl6) complements interleukin-8 in periodontal disease. *J Periodontol Res* 44: 465-471.
29. Demmer, R. T., J. H. Behle, D. L. Wolf, M. Handfield, **M. Kebschull**, R. Celenti, P. Pavlidis, and P. N. Papapanou. 2008. Transcriptomes in healthy and diseased gingival tissues. *J Periodontol* 79: 2112-2124.
30. Heidemann, J., C. Ruther, **M. Kebschull**, W. Domschke, M. Bruwer, S. Koch, T. Kucharzik, and C. Maaser. 2007. Expression of IL-12-related molecules in human intestinal microvascular endothelial cells is regulated by TLR3. *Am J Physiol Gastrointest Liver Physiol* 293: G1315-1324.

Reviews (peer-reviewed, JCR-listed)

1. **Kebschull, M.**, and P. N. Papapanou. 2015. *Mini but Mighty* – microRNAs in the Pathobiology of Periodontal Disease. *Periodontol 2000* accepted Feb 3.
2. **Kebschull, M.**, and P. N. Papapanou. 2011. Periodontal microbial complexes associated with specific cell and tissue responses. *J Clin Periodontol* 38 Suppl 11: 17-27.
3. Jepsen, S., **M. Kebschull**, and J. Deschner. 2011. [Relationship between periodontitis and systemic diseases]. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz* 54: 1089-1096.
4. Sanz, M., and A. J. van Winkelhoff on behalf of **Working Group I**. 2011. Periodontal infections: understanding the complexity–consensus of the Seventh European Workshop on Periodontology. *J Clin Periodontol* 38 Suppl 11: 3-6.
5. **Kebschull, M.**, R. T. Demmer, and P. N. Papapanou. 2010. *Gum bug, leave my heart alone!*–epidemiologic and mechanistic evidence linking periodontal infections and atherosclerosis. *J Dent Res* 89: 879-902.

Monographs (peer-reviewed)

1. **Kebschull, M.** and H. Dommisch. 2014. Aggressive Periodontitis. *Carranza's Clinical Periodontology, 12th Ed.* in press.
2. Dommisch, H. and **M. Kebschull**. 2014. Chronic Periodontitis. *Carranza's Clinical Periodontology, 12th Ed.* in press.
3. **Kebschull, M.**, and P. N. Papapanou. 2010. The use of gene arrays in deciphering the pathobiology of periodontal diseases. *Methods Mol Biol* 666: 385-393.

Professional Associations

Membership in Professional Associations

- German Society for Periodontology (DGParo)
- German Society for Oral and Maxillo-Facial Sciences (DGZMK)
- Professional Union of German Periodontists (BSFP)
- International Association for Dental Research (IADR)

Functions in Professional Associations

- Officer* Board, German Society for Periodontology (2014-2017)
- Member* Junior Committee, German Society for Periodontology (2013-2015)