

Curriculum vitae Gerhard Schmalz

Personal data

Date of birth: 07.01.1991 in Gera, Germany
Adress: University Medical Centre Leipzig
Department of Cariology, Endodontology and
Periodontology
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High-School and Studies

2001-2009 Goethe Gymnasium Rutheneum seit 1608, Gera
10/2009-10/2014 Dental studies at Medical Faculty of University of Leipzig

- Dental approbation 10/2014
- Grade: very good

Professional career

11/2014-10/2017 Dentist at Department of Cariology, Endodontology and Periodontology, Leipzig University (Direktor: Prof. Dr. Rainer Haak)
06/2017 Dissertation Dr. med. dent. at University of Leipzig entitled „*Oral health situation, dental behavior and oral health-related quality of live in patients on haemodialysis and after kidney transplantation*”

- “magna cum laude”

11/2017-09/2019 Dentist at Department of Cariology, Endodontology and Periodontology, Leipzig University (Direktor: Prof. Dr. Rainer Haak)
11/2017-09/2019 Head of the Department of Periodontology in the private dental clinic „Die Zahnärzte Steinpleis MVZ GmbH“ in Werdau
10/2019-01/2021 Dental researcher at Department of Cariology, Endodontology and Periodontology, Leipzig University (Direktor: Prof. Dr. Rainer Haak)
12/2020 Habilitation Dr. med. dent. Habil. at Leipzig University: „*Oral health-related quality of life of patients with severe chronic general diseases - Implications for interdisciplinary dental care*“

Since 02/2021

Senior physician at Department of Cariology, Endodontology and Periodontology, Leipzig University (Direktor: Prof. Dr. Rainer Haak)

Research topics and skills

- Oral Health & Medicine
- Periodontology
- Oral and systemic interactions
- Bioinformatics studies
- Preventive Medicine
- Clinical Research

Awards and grants

- Voco Dental Challenge 2015, 3rd price
- Young Scientists in Dentistry 2016, 2nd price
- Dental Education Award 2017, 1st price
- Wrigleys Prophylaxe Preis 2018, 1st price
- DGPZM Praktikerpreis 2018, 1st price
- Präventionspreis 2018 „Medizin trifft Zahnmedizin – Prävention verbindet“, 2nd price
- DG Paro Meridol Preis 2019, 2nd price
- Lilly Quality of Life Preis 2019, 1st price
- Miller Preis der DGZMK 2020: 1st price
- Präventionspreis 2020, 3rd price
- AKWLZ Wissenschaftspreis 2021, 1st price

List of publications

1. **Schmalz G**, Tsigaras S, Rinke S, Kottmann T, Haak R, Ziebolz D. Detection of five potentially periodontal pathogenic bacteria in peri-implant disease: A comparison of PCR and real-time PCR. *Diagn Microbiol Infect Dis*. 2016 Jul;85(3):289-94. *IF: 2,457*
2. **Schmalz G**, Kollmar O, Vasko R, Müller GA, Haak R, Ziebolz D. Oral health-related quality of life in patients on chronic haemodialysis and after kidney transplantation. *Oral Dis*. 2016 Oct;22(7):665-72. *IF: 2,011*
3. **Schmalz G**, Kauffels A, Kollmar O, Slotta JE, Vasko R, Müller GA, Haak R, Ziebolz D. Oral behavior, dental, periodontal and microbiological findings in patients undergoing hemodialysis and after kidney transplantation. *BMC Oral Health*. 2016 Aug 17;16(1):72. *IF: 1,481*
4. **Schmalz G**, Hellwig F, Mausberg RF, Schneider H, Krause F, Haak R, Ziebolz D. Dentin Protection of Different Desensitizing Varnishes During Stress Simulation: An In Vitro Study. *Oper Dent*. 2017 Jan/Feb;42(1):E35-E43. *IF: 2,819*
5. **Schmalz G***, Schiffers N*, Schwabe S, Vasko R, Müller GA, Haak R, Mausberg RF, Ziebolz D. Dental and periodontal health, microbiological, and salivary conditions in hemodialysis patients with or without diabetes. *Int Dent J*. 2017 Jun;67(3):186-193. *IF: 1,362*
6. Kauffels A*, **Schmalz G***, Kollmar O, Slotta JE, Weig M, Groß U, Bader O, Ziebolz D. Oral findings and dental behavior before and after liver transplantation – a single-center cross-sectional study. *Int Dent J*. 2017 Aug;67(4):244-251. *IF: 1,362*
7. **Schmalz G**, Müller M, Schmickler J, Rinke S, Haak R, Mausberg RF, Ziebolz D. Influence of manual and power toothbrushes on clinical and microbiological findings in initial treatment of periodontitis – A randomized clinical study. *Am J Dent*. 2017 Feb;30(1):40-46. *IF: 0,76*
8. **Schmalz G***, Wendorff H*, Marcinkowski A, Weinreich G, Teschler H, Haak R, Sommerwerck U, Ziebolz D. Oral health related quality of life depending on oral health and specific factors in patients after lung transplantation. *Clin Respir J*. 2018 Feb;12(2):731-737. *IF: 2,356*
9. **Schmalz G***, Davarpanah I*, Jäger J, Mausberg RF, Krohn-Grimberghe B, Schmidt J, Haak R, Sack U, Ziebolz D. MMP-8 and TIMP-1 are associated to periodontal inflammation in patients with rheumatoid arthritis under Methotrexate immunosuppression – first results of a cross-sectional study. *J Microbiol Immunol Infect*. 2019 Jun;52(3):386-394. *IF: 2,973*
10. **Schmalz G***, Kiehl K*, Schmickler J, Rinke S, Schmidt J, Krause F, Haak R, Ziebolz D. No difference between manual and different power toothbrushes with and without specific instructions in young, oral healthy adults – results of a randomized clinical trial. *Clin Oral Investig*. 2018 Apr;22(3):1147-1155. *IF: 2,308*
11. **Schmalz G**, Wendorff H, Berisha L, Meisel A, Widmer F, Marcinkowski A, Teschler H, Sommerwerck U, Haak R, Kollmar O, Ziebolz D. Association of time after transplantation and different immunosuppressive medication with dental and periodontal treatment need of patients after solid organ transplantation. *Transpl Infect Dis*. 2018 Apr;20(2):e12832. *IF: 1,719*
12. **Schmalz G***, Meisel A*, Kollmar O, Kauffels A, Slotta JE, Kottmann T, Haak R, Ziebolz D. Oral health related quality of life depending on dental and periodontal health in different patients before and after liver transplantation. *Clin Oral Investig*. 2018 Jun;22(5):2039-2045. *IF: 2,308*
13. **Schmalz G***, Berisha L*, Wendorff H, Widmer F, Marcinkowski A, Teschler H, Sommerwerck U, Haak R, Kollmar O, Ziebolz D. Association of time under immunosuppression and different immunosuppressive medication on periodontal parameters and selected bacteria of patients

- after solid organ transplantation. *Med Oral Patol Oral Cir Bucal*. 2018 May 1;23(3):e326-e334. *IF: 1,156*
14. **Schmalz G***, Douglas D*, Douglas D, Patschan S, Patschan D, Müller GA, Haak R, Schmickler J, Ziebolz D. Oral health-related quality of life is associated with disease specific parameters in patients with ankylosing spondylitis. *Clin Oral Investig*. 2018 Nov;22(8):2889-2896. *IF: 2,308*
 15. **Schmalz G***, Kummer MK*, Kottmann T, Rinke S, Haak R, Krause F, Schmidt J, Ziebolz D. Association of chairside salivary aMMP-8 findings with periodontal risk assessment parameters in patients receiving supportive periodontal therapy. *J Periodontal Implant Sci*. 2018 Aug 31;48(4):251-260. *IF: 1,072*
 16. **Schmalz G***, Dietl M*, Vasko R, Müller GA, Rothermund L, Keller F, Ziebolz D, Rasche FM. Dialysis vintage time has the strongest correlation to psychosocial pattern of oral health-related quality of life - a multicentre cross-sectional study. *Med Oral Patol Oral Cir Bucal*. 2018 Nov 1;23(6):e698-e706. *IF: 1,156*
 17. **Schmalz G***, Farack M*, Kottmann T, Schmidt J, Krause F, Ziebolz D. Preoperative dental examination might prevent unnecessary tooth extractions during dental treatment of patients with disabilities under general anesthesia – results of a retrospective cross-sectional study. *Oral Health Prev Dent*. 2020;18(2):139-144. *IF: 0,96*
 18. **Schmalz G**, Hübscher AE, Angermann H, Schmidt J, Schmickler J, Legler TJ, Ziebolz D. Associations of chairside salivary aMMP-8 findings with periodontal parameters, potentially periodontal pathogenic bacteria and selected blood parameters in systemically healthy adults. *Diagn Microbiol Infect Dis*. 2019 Oct;95(2):179-184. *IF: 2,314*
 19. **Schmalz G**, Hübscher AE, Angermann H, Schmidt J, Schmickler J, Legler TJ, Ziebolz D. High prevalence of periodontitis in blood donors and the possibility of questionnaire based screening – results of a cross-sectional study. *Trans Med* 2019 29(6):394-400 *IF: 1,9*
 20. **Schmalz G***, Eisner M*, Binner C, Wagner J, Rast J, Kottmann T, Haak R, Oberbach A, Borger MA, Garbade J, Ziebolz D. Oral health-related quality of life of patients after heart transplantation and those with heart failure is associated with general health-related quality of life: a cross-sectional study. *Qual Life Res*. 2020 Feb 4. doi: 10.1007/s11136-020-02439-z. [Epub ahead of print] *IF: 2,488*
 21. **Schmalz G***, Noack S*, Patschan S, Patschan D, Müller GA, Rupprecht A, Schmickler J, Haak R, Ziebolz D. Disease activity, morning stiffness and missing teeth are associated with oral health-related quality of life in individuals with rheumatoid arthritis. *Clin Oral Investig*. 2020 Feb 6. doi: 10.1007/s00784-020-03226-3. [Epub ahead of print] *IF: 2,453*
 22. **Schmalz G***, Tulani L*, Busjan R, Haak R, Kottman T, Trümper L, Hasenkamp J, Ziebolz D. Dental and periodontal treatment need after dental clearance is not associated with the outcome of induction therapy in patients with acute leukemia - results of a retrospective pilot-study. *Advances in Hematology* 2020 (4);1-7 *IF: 0*
 23. **Schmalz G**, Patschan S, Patschan D, Ziebolz D. Oral-Health-Related Quality of Life in Adult Patients with Rheumatic Diseases-A Systematic Review. *J Clin Med*. 2020 Apr 19;9(4). *IF: 5,688*
 24. **Schmalz G**, Patschan S, Patschan D, Ziebolz D. Oral health-related quality of life in adult patients with end-stage kidney diseases undergoing renal replacement therapy – a systematic review. *BMC Nephrol*. 2020 Apr 29;21(1):154. *IF: 2,088*
 25. **Schmalz G**, Patschan S, Patschan D, Ziebolz D. Oral health-related quality of life in adult patients with end-stage kidney diseases undergoing renal replacement therapy – a systematic review. *BMC Nephrol*. 2020 Apr 29;21(1):154. *IF: 1,913*

26. **Schmalz G**, Patschan D, Schmickler J, Bethke N, Scherzinger E, Müller GA, Ziebolz D, Patschan S. Oral health-related quality of life in different rheumatic diseases [published online ahead of print, 2020 Jun 8]. *Oral Dis.* 2020;10.1111/odi.13464. *IF: 3,511*
27. **Schmalz G**, Krause F, Grzelkowski M, Merle C, Rotzoll D, Haak R, Ziebolz D. Evaluation of an educational concept for risk-oriented prevention in undergraduate dental education. *BMC Med Educ.* 2020 Sep 11;20(1):298. doi: 10.1186/s12909-020-02218-x. PMID: 32917184; PMCID: PMC7488547. *IF: 1,831*
28. **Schmalz G**, Wolf C, Merle C, Kottmann T, Haak R, Ziebolz D. Evaluation of a questionnaire-based diabetes screening concept in German patients with Stage 3 or 4 periodontitis - A practice-based study. *J Periodontol.* 2020 Nov 5. doi: 10.1002/JPER.20-0297. Epub ahead of print. PMID: 33155276. *IF: 6,993*
29. **Schmalz G**, Garbade J, Sommerwerck U, Kollmar O, Ziebolz D. Oral health-related quality of life of patients after solid organ transplantation is not affected by oral conditions: results of a multicentre cross-sectional study. *Med Oral Patol Oral Cir Bucal.* 2020 Dec 19:24277. doi: 10.4317/medoral.24277. Epub ahead of print. PMID: 33340076. *IF: 1,596*
30. **Schmalz G**, Garbade J, Kollmar O, Ziebolz D. Does oral health-related quality of life of patients after solid organ transplantation indicate a response shift? Results of a systematic review. *BMC Oral Health.* 2020 Dec 9;20(1):356. doi: 10.1186/s12903-020-01350-w. PMID: 33298051; PMCID: PMC7726902. *IF: 1,911*
31. **Schmalz G**, Binner C, Eisner M, Wagner J, Rast J, Kottmann T, Haak R, Lehmann S, Borger MA, Garbade J, Ziebolz D. Oral health-related quality of life in patients with heart failure and left ventricular assist devices-results of a cross-sectional study. *Clin Oral Investig.* 2021 Mar 22. doi: 10.1007/s00784-021-03893-w. Epub ahead of print. PMID: 33754192. *IF: 3,573*
32. **Schmalz G**, Busjan R, Dietl M, Hasenkamp J, Trümper L, Ziebolz D. Oral Health-Related Quality of Life in Adult Patients with Newly Diagnosed Acute Leukaemia. *Oral Health Prev Dent.* 2020;18(1):461-466. doi: 10.3290/j.ohpd.a44685. PMID: 32515417. *IF: 0,96*
33. **Schmalz G**, Denkler CR, Kottmann T, Rinke S, Ziebolz D. Oral Health-Related Quality of Life, Oral Conditions, and Risk of Malnutrition in Older German People in Need of Care-A Cross-Sectional Study. *J Clin Med.* 2021 Jan 22;10(3):426. doi: 10.3390/jcm10030426. PMID: 33499288; PMCID: PMC7866095. *IF: 4,241*
34. **Schmalz G**, Ziebolz H, Kottmann T, Ziebolz D, Laskawi R. Oral health and oral health-related quality of life in patients with oral dystonia indicates their need for dental special care. *Med Oral Patol Oral Cir Bucal.* 2021 May 23:24479. doi: 10.4317/medoral.24479. Epub ahead of print. PMID: 34023846. *IF: 1,596*
35. **Schmalz G***, Bartl M*, Schmickler J, Patschan S, Patschan D, Ziebolz D. Tooth Loss Is Associated with Disease-Related Parameters in Patients with Rheumatoid Arthritis and Ankylosing Spondylitis—A Cross-Sectional Study. *J. Clin. Med.* 2021, 10" *IF: 4,241*
36. **Schmalz G**, Li S, Ziebolz D. Oral Health-Related Quality of Life in Patients after Stroke-A Systematic Review. *J Clin Med.* 2022 Mar 4;11(5):1415. doi: 10.3390/jcm11051415. PMID: 35268507; *IF: 4,241*
37. **Schmalz G***, Schmidt L*, Haak R, Büchi S, Goralski S, Roth A, Ziebolz D. PRISM (Pictorial Representation of Illness and Self-Measure) as Visual Tool to Support Oral Health Education Prior to Endoprosthetic Joint Replacement—A Novel Approach in Dentistry. *J Clin Med.* 2022, 11(9), 2508; <https://doi.org/10.3390/jcm11092508> , *IF: 4,241*
38. **Schmalz G***, Feindt L*, Tanneberger F, Haak R, El Wahed AA, Truyen U, Ziebolz D. The role of toothbrush in the transmission of corona- and influenza viruses - results of an in vitro study. *Clin Oral Investig.* 2022 May 10. doi: 10.1007/s00784-022-04530-w. Epub ahead of print. PMID: 35538330. *IF: 3,573*

39. **Schmalz G**, Reuschel F, Bartl M, Schmidt L, Runge J, Haak R, Goralski S, Roth A, Ziebolz D. One Third of Patients before Endoprosthesis Implantation Show an Oral Focus as Potential Source of Infectious Complication— The Value of Pre-Operative Dental Risk Stratification in a German Cohort. *J. Clin. Med.* 2022, 11, 3686. *IF: 4,241*
40. **Schmalz G***, Kullmann H*, Sensky T, Kreher D, Haak R, Büchi S, Ziebolz D. Pilot study to evaluate a novel measure of self-perceived competencies among dental students. *BMC Med Educ.* 2022 Jul 29;22(1):582. doi: 10.1186/s12909-022-03663-6. *IF: 3,263*
41. **Schmalz G**, Sensky T, Kullmann H, Büchi S, Ziebolz D. PRISM: A Novel Visual Instrument to Facilitate Self-Reflection and Learning Progress in Undergraduate Dental Education. *BioMed Research International*, vol. 2022, Article ID 2009894, 12 pages, 2022. <https://doi.org/10.1155/2022/2009894> *IF: 3,246*
42. **Schmalz G***, Lange J*, Krause F, Haak R, Lethaus B, Zimmerer R, Ziebolz D. Evaluation of an individual anamnesis tool for teaching risk-oriented prevention – a pilot study in undergraduate dental students. *BMC Med Educ* 2022; 22, 648. <https://doi.org/10.1186/s12909-022-03710-2>. *IF: 3,263*
43. Li S, Chen X, Liu X, Yu Y, Pan Y, Haak R, Schmidt J, Ziebolz D, **Schmalz G**. Complex integrated analysis of lncRNAs-miRNAs-mRNAs in oral squamous cell carcinoma. *Oral Oncology* 2017; 73, 1–9 *IF: 4,794*
44. Ziebolz D, Bauwe I, Schmidt J, Kottmann T, Rinke S, **Schmalz G**. Diabetes-screening in dental practice using the Find-Risk questionnaire – a practice based pilot study. *Oral Health Prevent Dent* 2019;17(2):147-156. *IF: 0,657*
45. Li S, Liu X, Li H, Pan H, Acharya A, Deng Y, Yu Y, Haak R, Schmidt J, **Schmalz G***, Ziebolz D*. Integrated analysis of long noncoding RNA-associated competing endogenous RNA network in periodontitis. *J Periodontal Res.* 2018 Aug;53(4):495-505. *IF: 2,662*
46. Li S, Liu X, Zhou Y, Acharya A, Savkovic V, Xu C, Wu N, Deng Y, Hu X, Li H, Haak R, Schmidt J, Shang W, Pan H, Shang R, Yu Y, Ziebolz D*, **Schmalz G***. Shared genetic and epigenetic mechanisms between chronic periodontitis and oral squamous cell carcinoma. *Oral Oncology* 2018 86:216–224 *IF: 4,636*
47. Wang J, Xi X, Shang W, Archaya A, Li S, Savkovic V, Li H, Haak R, Schmidt J, Liu X, Deng Y, Pan H, Obradovic D, **Schmalz G***, Ziebolz D*, Hu X*. The molecular differences between human papillomavirus -positive and -negative oropharyngeal squamous cell carcinoma: A bioinformatics study. *Am J Otolaryngol.* 2019 Jul - Aug;40(4):547-554. *IF: 0,932*
48. Ziebolz D, Söder F, Hartl JF, Kottmann T, Rinke S, **Schmalz G**. Comprehensive assessment of dental behaviour and oral status in patients with tongue piercing – results of a cross sectional study. *Clin Oral Investig.* 2020 Feb;24(2):971-977. *IF: 2,308*
49. Ziebolz D, Söder F, Hartl JF, Kottmann T, Rinke S, Merle CL, **Schmalz G**. Prevalence of periodontal pathogenic bacteria at different oral sites of patients with tongue piercing – results of a cross sectional study. *Diagn Microbiol Infect Dis.* 2019 Dec;95(4):114888. *IF: 2,314*
50. Ziebolz D, Friedrich S, Binner C, Rast J, Eisner M, Wagner J, Schmickler J, Kottmann T, Haak R, Borger MA, Lehmann S, Oberbach A, Garbade J*, **Schmalz G***. Lack in Periodontal Care of Patients Suffering from Severe Heart Diseases-Results after 12 Months Follow-Up. *J Clin Med.* 2020 Jan 27;9(2). *IF: 5,688*
51. Krause F, Ziebolz D, Rockenbauch K, Haak R, **Schmalz G**. A video- and feedback-based approach to teaching communication skills in undergraduate clinical dental education: The student perspective. *Eur J Dent Educ.* 2021 Mar 16. doi: 10.1111/eje.12682. Epub ahead of print. PMID: 33728768. *IF: 2,355*

52. Ning W, Acharya A, Sun Z, Ogbuehi AC, Li C, Hua S, Ou Q, Zeng M, Liu X, Deng Y, Haak R, Ziebolz D*, **Schmalz G***, Pelekos G, Wang Y, Hu X. Deep Learning Reveals Key Immunosuppression Genes and Distinct Immunotypes in Periodontitis. *Front Genet.* 2021 Mar 12;12:648329. doi: 10.3389/fgene.2021.648329. PMID: 33777111; PMCID: PMC7994531. *IF: 4,599*
53. Ziebolz D, Binner C, Reuschel F, Eisner M, Wagner J, Kottmann T, Etz CD, Lehmann S, Garbade J, **Schmalz G**. Comparison of periodontal parameters between patients with ischemic and dilative cardiomyopathy. *BMC Cardiovasc Disord.* 2021 Jun 16;21(1):304. doi: 10.1186/s12872-021-02111-5. PMID: 34134635; PMCID: PMC8207630. *IF: 2,298*
54. Li S, Zhou C, Xu Y, Wang Y, Li L, Pelekos G, Ziebolz D, **Schmalz G***, Qin Z*. Similarity and Potential Relation Between Periimplantitis and Rheumatoid Arthritis on Transcriptomic Level: Results of a Bioinformatics Study. *Front Immunol* 2021 12:702661. *IF: 7,561*
55. Haak R, Schäfer P, Hanßen B, Ziebolz D, Park KJ, Häfer M, **Schmalz G***, Schneider H*. OCT Evaluation of Marginal and Internal Interface Integrity of Class V Composite Restorations after 36 to 48 Months. *J Adhes Dent.* 2022 Apr 13;24(1):165-174. doi: 10.3290/j.jad.b2916433. *IF: 2,579*
56. Yu Y, Tang H, Franceschi D, Mujagond P, Acharya A, Deng Y, Lethaus B, Savkovic V, Zimmerer R, Ziebolz D, Li S, **Schmalz G**. Immune Checkpoint Gene Expression Profiling Identifies Programmed Cell Death Ligand-1 Centered Immunologic Subtypes of Oral and Squamous Cell Carcinoma With Favorable Survival. *Front Med (Lausanne).* 2022 Jan 20;8:759605. doi: 10.3389/fmed.2021.759605. *IF: 5,091*
57. Kreher D, Korn V, Meißner T, Haak R, **Schmalz G***, Ziebolz D*. How do carious root lesions develop after the end of professional preventive measures?-Preliminary findings of a randomized clinical trial. *Odontology.* 2022 Apr 11. doi: 10.1007/s10266-022-00706-8. *IF: 2,634*
58. Ning W, Acharya A, Li S, **Schmalz G***, Huang S*. Identification of key pyroptosis-related genes and distinct pyroptosis-related clusters in periodontitis. *Frontiers Immunol* 2022 *IF: 7,561*
59. Liu S, Fu Y, Ziebolz D, Li S, **Schmalz G***, Li F*. Transcriptomic analysis reveals pathophysiological relationship between chronic obstructive pulmonary disease (COPD) and periodontitis. *BMC Med Genomics.* 2022 Jun 8;15(1):130. doi: 10.1186/s12920-022-01278-w. *IF: 3,063*
60. Wagner G, Sievers L, Tiburcy M, Zimmermann WH, Kollmar O, **Schmalz G***, Ziebolz D*. Impact of immunosuppressive drugs on fibroblasts – an in vitro study. *J Clin Med.* 2022 May 31;11(11):3107. doi: 10.3390/jcm11113107. *IF: 4,241*
61. Ziebolz D, **Schmalz G**, Kauffels A, Widmer F, Widmer K, Slotta JE, Mausberg RF, Kollmar O. Periodontal pathogenic bacteria and aMMP-8 findings depending on periodontal conditions of patients before and after liver transplantation. *Clin Oral Investig.* 2017 Apr;21(3):745-752. *IF: 2,308*
62. Schmickler J, Rupprecht A, Patschan S, Patschan D, Müller GA, Haak R, Mausberg RF, **Schmalz G**, Kottmann T, Ziebolz D. Cross-sectional Evaluation of Periodontal Status, Microbiological and Rheumatoid Parameters in a large Cohort of Patients With Rheumatoid Arthritis. *J Periodontol.* 2016 Nov 18:1-17. *IF: 3,03*
63. Mühlberg S, Jäger J, Krohn-Grimberghe B, Patschan S, Mausberg RF, **Schmalz G**, Haak R, Ziebolz D. Oral health-related quality of life depending on oral health in patients with rheumatoid arthritis. *Clin Oral Investig.* 2017 Dec;21(9):2661-2670. *IF: 2,308*

64. Ziebolz D, Werner C, **Schmalz G**, Nitschke I, Haak R, Mausberg RF, Chenot JF. Oral Health and nutritional status in nursing home residents-results of an explorative cross-sectional pilot study. BMC Geriatr. 2017 Jan 31;17(1):39. *IF: 2,611*
65. Kirchner A, Jäger J, Krohn-Grimberghe B, Patschan S, Kottmann T, **Schmalz G**, Mausberg RF, Haak R, Ziebolz D. aMMP-8 and periodontal bacteria depending on periodontal status in patients with rheumatoid arthritis. J Periodontal Res. 2017 Aug;52(4):745-754. *IF: 2,662*
66. Ziebolz D, **Schmalz G**, Gollasch D, Eickholz P, Rinke S. Microbiological and aMMP-8 findings depending on peri-implant disease in patients undergoing supportive implant therapy. Diagn Microbiol Infect Dis. 2017 May;88(1):47-52. *IF: 2,457*
67. Krause F, **Schmalz G**, Haak R, Rockenbach K. The impact of expert- and peer feedback on communication skills of undergraduate dental students - a single-blinded, randomized, controlled clinical trial. Patient Educ Couns. 2017 Dec;100(12):2275-2282. *IF: 2,232*
68. Busjan R, Hasenkamp J, **Schmalz G**, Haak R, Trümper L, Ziebolz D. Oral health status in adult patients with newly diagnosed acute leukemia. Clin Oral Investig. 2018 Jan;22(1):411-418. *IF: 2,308*
69. Ziebolz D, Klipp S, **Schmalz G**, Schmickler J, Rinke S, Kottmann T, Fresmann S, Einwag J. Comparison of different maintenance strategies within supportive implant therapy for prevention of peri-implant inflammation during the first year after implant restoration – a randomized, practice-based multicenter study of a dental hygienist setting. Am J Dent. 2017 Aug;30(4):190-196. *IF: 0,76*
70. van Gelder S, Röhrig N, Schattenberg F, Cichocki N, Schumann J, **Schmalz G**, Haak R, Ziebolz D, Müller S. A cytometric approach to follow variation and dynamics of the salivary microbiota. Methods. 2018 Feb 1;134-135:67-79. *IF: 3,802*
71. Li S, **Schmalz G**, Schmidt J, Krause F, Haak R, Ziebolz D. Antimicrobial peptides as a possible interlink between periodontal diseases and its risk factors - a systematic review. J Periodontal Res. 2018 Apr;53(2):145-155. *IF: 2,662*
72. Ziebolz D, Reiss L, **Schmalz G**, Krause F, Haak R, Mausberg RF. Different views of dentists and general practitioners on dental care for patients with diabetes mellitus and coronary heart diseases: results of a questionnaire-based survey in a district of Germany. Int Dent J. 2018 Jun;68(3):197-203. *IF: 1,362*
73. Schmidt J, Weigert M, Leuschner C, Hartmann H, Raddatz D, Haak R, Mausberg R, Kottmann T, **Schmalz G**, Ziebolz D. aMMP-8 and Periodontal Bacteria - Interlink between Periodontitis and Inflammatory Bowel Disease? J Periodontol. 2018 Jun;89(6):699-707. *IF: 3,03*
74. Ziebolz D, Rupprecht A, Schmickler J, Bothmann L, Krämer J, Patschan D, Müller GA, Mausberg RF, Schmidt J, **Schmalz G**, Patschan S. Association of different immunosuppressive medications with periodontal condition in patients with rheumatoid arthritis - results from a cross-sectional study. J Periodontol. 2018 Nov;89(11):1310-1317. *IF: 3,03*
75. Ziebolz D, Douglas D, Douglas D, Schmickler J, Patschan D, Müller GA, Haak R, Schmidt J, **Schmalz G**, Patschan S. Periodontal condition is associated with disease duration and motoric disabilities in patients with ankylosing spondylitis: results of a cross-sectional study. Rheumatol Int. 2018 May;38(5):855-863. *IF: 1,824*
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