

## 2022 Manuscripts and Status

Schulz, S., J. M. Stein, A. Schumacher, D. Kupitz, S. Michael, F. Schittenhelm, **G. Conrads**, H.-G. Schaller, S. Reichert. Non-surgical periodontal treatment options and their impact on subgingival microbiome. *J Clinical Medicine* 2022 Feb 23;11(5):1187. doi: 10.3390/jcm11051187.

A. S. Braga, M. M. H. Abdelbary, R. R. Kim, F. P. de Souza Rosa de Melo, L. L. Saldanha, A. L. Dokkedal, **G. Conrads**, M. Esteves-Oliveira, and A. C. Magalhães, The effect of toothpastes containing natural extracts on total bacterial species of a microcosm biofilm and on enamel caries development, *Antibiotics* (accepted).

Shi, Y., C. Bergs, M. M. H. Abdelbary, A. Pich, and **G. Conrads** Isoeugenol-functionalized nanogels inhibit peri-implantitis associated bacteria in vitro *Anaerobe* (accepted).

Abdelbary, M. M. H., F. Schittenhelm, S. S. Yekta-Michael, S. Reichert, S. Schulz., A. Kasaj, A. Braun, **G. Conrads\***, and J. M. Stein\*. \*shared senior position Impact of three non-surgical full-mouth periodontal treatments on total bacterial load and selected periodontopathogens. *Antibiotics*, revision submitted 02-2022.

Abdelbary, M. M. H., C. Kuppe, S. S. Yekta-Michael, T. Krüger, J. Floege, and **G. Conrads**. Impact of sucroferic oxyhydroxide on the oral and intestinal microbiome in hemodialysis patients. *Scientific Reports*, submitted 31.01.2022.

Teichmann, M., K. Groß, M. Rückbeil, A. Rittich, **G. Conrads**, and S. Wolfart Lithium-disilicate implant-supported crowns in a randomized controlled clinical trial: peri-implant health after one year *Journal of Prosthodontic Dentistry*, submitted 12-2021

Stein, J., **G. Conrads**, M. M. H. Abdelbary, S. Said-Yekta Michael, P. Buttler, J. Glock, G. Sadvandi, R. Kaufmann, and C. Apel. Antimicrobial efficiency and cytocompatibility of different decontamination methods on titanium and zirconium surfaces *Clin Oral Implant Research* submitted 03-2022

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## 2022 Book Chapters:

M. C. Claros, Z.C. Claros, S. S. Yekta-Michael, and **G. Conrads**

Oral and Intestinal Bacteroidetes

Chapter 7 (20 Seiten)

**In:** I. de Filippis and M.L. McKee (Eds.): Molecular Typing in Bacterial Infections, 2<sup>nd</sup>. Edition, Springer Nature Switzerland AG 2022, ISBN Print 978-3-030-83216-2, eBook 978-3-030-83217-9.

**G. Conrads**, E. Nagy, and E. Könönen

*Bacteroides, Porphyromonas, Prevotella, Fusobacteria*, and other anaerobic Gram-negative rods

**In:** ClinMicroNow, Manual of Clinical Microbiology, Edition 13, section II, chapter 56, pages 995-1023 (29 Seiten), (June 2021, accepted 30.11.2021), **In press**.

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## 2021 Originals

Walther, W., S. Zumbülte, C. M. Faerber, R. J. Wierichs, H. Meyer-Lueckel, **G. Conrads**, K. Henne, and M. Esteves-Oliveira

Analysis of relative bacterial activity and *ldh*-gene expression of caries-associated bacteria in a site-specific natural biofilm

Clin Oral Investig. 2021 Jun;25(6):3669-3679. doi: 10.1007/s00784-020-03691-w. Epub 2020 Nov 23.

Goldschmidt, G.-M., M. Krok-Borkowicz, R. Zybala, E. Pamula, R. Telle, **G. Conrads\***, K. Schickle\*

Biomimetic in situ co-precipitation of calcium phosphate/silver composite on zirconia ceramic materials for surface functionalization in terms of antimicrobial and osteoconductive properties

Dent Mater. 2021 Jan;37(1):10-18. doi: 10.1016/j.dental.2020.09.018. Epub 2020 Nov 26.

\*shared senior position

Braga, A.S., F. P. de Souza Rosa de Melo, L. L. Saldanha, A. L. Dokkedal, T. Meißner, M. Bemann, E. Schulz-Kornas, R. Haak, M. M. H. Abdelbary, **G. Conrads**, A. C. Magalhães, M. Esteves-Oliveira

The effect of solutions containing extracts of *Vochysia tucanorum* Mart., *Myrcia bella* Cambess., *Matricaria chamomilla* L. and *Malva sylvestris* L. on cariogenic bacterial species and enamel caries development.

Caries Res. 2021 May 17:1-12. doi: 10.1159/000515234. Online ahead of print.

Mohamed M.H. Abdelbary, Gerrit Willms and **G. Conrads**

A new species-specific typing method for salivarius group streptococci based on the dephospho-coenzyme A kinase (coaE) gene sequencing

Front Cell Infect Microbiol. 2021 Aug 6;11:685657. doi: 10.3389/fcimb.2021.685657. eCollection 2021.

Jansen, P. M., M. H. H. Abdelbary, and **G. Conrads**

A concerted probiotic activity to inhibit periodontitis-associated bacteria

PLoS One 2021 Mar 5;16(3):e0248308. doi: 10.1371/journal.pone.0248308. eCollection 2021.

**Conrads, G.**, T. Klomp, D. Deng, J.-S- Wenzler, A. Braun, and M. M. H. Abdelbary. The antimicrobial susceptibility of *Porphyromonas gingivalis*: genetic repertoire, global phenotype, and review of the literature. *Antibiotics* 2021, 2021 Nov 24;10(12):1438. doi: 10.3390/antibiotics10121438.

Wenzler, J.-S., F. Krause, S. Böcher, W. Falk, A. Birkenmaier, **G. Conrads**, and A. Braun

Antimicrobial impact of different air-polishing powders in a subgingival biofilm model

*Antibiotics* 2021, Nov 28;10(12):1464. doi: 10.3390/antibiotics10121464.

Böcher, S., **G. Conrads**, A. Braun und J.-S- Wenzler

Integration photochemischer Prozesse in die Parodontistherapie

*Quintessenz Zahnmedizin*, Jhg. 72, Ausgabe 04, April 2021.

**Conrads, G.** Gurgeln gegen Corona. Ein Interview von Helmut Broeg.

*Focus-Magazin*. Ausgabe 07-2021

**Conrads, G.** Orales Mikrobiom: opportunistische Pathogene reduzieren – aber wie?

Hamburger Expertenkreis Mikrobiom

Newsletter 03/2013, Ferring Arzneimittel GmbH in Kooperation mit der DGMIM (Deutsche Gesellschaft für Mukosale Immunologie und Mikrobiom)

## History:

### I: Original Papers

**1. Conrads, G.**, A. Podbielski, and R. Lütticken

Molecular Cloning and Nucleotide Sequence of the Group B Streptococcal Hemolysin  
International Journal of Medical Microbiology, formerly Zbl. Bakt. 275, 179-184 (1991).

**2. Conrads, G.** and R. Lütticken

Nucleotide sequences of 16S rRNA encoding genes from *Capnocytophaga ochracea* ATCC 33596,  
*Capnocytophaga sputigena* ATCC 33612 and *Capnocytophaga gingivalis* ATCC 33624  
Nucleic Acids Res. 20, 5847 (1992).

**3. Conrads, G.** and A. Brauner

Nonradioactively-labelled DNA probes for the detection of periodontopathogenic *Prevotella* and  
*Porphyromonas* species  
FEMS Immunology and Medical Microbiology 6, 115-120 (1993).

**4. Conrads, G.**

Nachweis von parodontopathogenen Bakterien mit Hilfe von nicht-radioaktiv markierten  
DNA-Sonden  
Dissertationsschrift, Rheinisch-Westfälische Technische Hochschule (1994),  
Verlag mainz, Aachen (ISBN 3-930085-54-2).

**5. Gräber, H.-G. und G. Conrads**

Klinische und immunologisch-mikrobiologische Diagnostik juveniler Parodontopathien  
Zeitschrift für Stomatologie, 91/5, 225-232 (1994).

**6. Jansen, V.K., G. Conrads** und E.-J. Richter

Untersuchungen zur Dichtigkeit der Implantat-Prothetikpfosten-Verbindung  
Implantologie, 3, 229-247 (1995).

**7. Brauner, A. W. and G. Conrads**

Studies into the microbial spectrum of apical periodontitis  
International Endodontic Journal, 28, 244-248 (1995).

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PCR reaction and dot-blot hybridization to monitor the distribution of oral pathogens within plaque samples of periodontally healthy individuals  
Journal of Periodontology, 67/10, 994-1003 (1996).
- 9. Brauner, A., G. Conrads** und F. Lampert  
Parodontologie:Erste Erfahrungen mit einem kommerziellen molekulargenetischen Testverfahren  
ZWR, 105/9, 448-454 (1996).
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Journal of Clinical Laser Medicine & Surgery, 14, 77-80 (1996).
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Oral Microbiology and Immunology, 12, 117-120 (1997).
- 12. Conrads, G.**, S. E. Gharbia, K. Gulabivala, F. Lampert, and H. N. Shah  
The use of a 16S rDNA directed PCR for the detection of endodontopathogenic bacteria  
Journal of Endodontics, 23, 433-438 (1997).
- 13. G. Conrads**, J. Soffner, K. Pelz, and R. Mutters  
Taxonomic update and clinical significance of species within the genus *Peptostreptococcus*  
Clinical Infectious Diseases, 25, S94-97 (1997).
- 14. Augthun, M. and G. Conrads**  
Microbial findings of deep peri-implant bone defects  
The International Journal of Oral & Maxillofacial Implants, 12, 106-112 (1997).
- 15. Jansen, V.K., G. Conrads**, and E.-J. Richter  
Microbial leakage and marginal fit of the implant-abutment interface  
The International Journal of Oral & Maxillofacial Implants, 12, 527-540 (1997).
- 16. Conrads, G.**, I. Moonen, and N. Schnitzler  
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Reviews in Medical Microbiology, 8, S99 (1997).

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DNA-probes for the differentiation of *Capnocytophaga* species

Molecular and Cellular Probes, 11, 323-328 (1997).

**19.** Gutknecht, N., A. Moritz, **G. Conrads**, F. Lampert

Der Diodenlaser und seine bakterizide Wirkung im Wurzelkanal- eine *in-vitro*-Studie

Endodontie 3, 217-222 (1997).

**20.** Schnitzler, N., R. Meilicke, **G. Conrads**, D. Frank, and G. Haase

*Staphylococcus lugdunensis*: Case report of peritonitis and an easy-to-perform screening strategy

Journal of Clinical Microbiology, 36, 812-813 (1998).

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European Journal of Clinical Microbiology & Infectious Diseases, 17, 341-343 (1998).

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Journal of Periodontology, 70, 388-393 (1999).

**23.** Hartroth, B., I. Seyfarth, and **G. Conrads**

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Habilitationsschrift, Rheinisch-Westfälische Technische Hochschule (1999).
- 30. Conrads, G.**, Th. F. Flemmig, I. Seyfarth, F. Lampert, and R. Lütticken  
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- 31. Conrads, G.**  
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- 32.** Gutknecht, N., D. van Gogswaardt, **G. Conrads**, Ch. Apel, C. Schubert, and F. Lampert  
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- 33.** Gouw-Soares, S., N. Gutknecht, **G. Conrads**, F. Lampert, E. Matson, and C.P. Eduardo  
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Journal of Clinical Laser Medicine & Surgery, 18 (2), 81-87 (2000).
- 34.** Goldstein, E.J.C., **G. Conrads**, D.M. Citron, C.V. Merriam, Y. Warren, K. Tyrrell.  
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*Antimicrobial Agents and Chemotherapy*, 48 (7): 2766-2770 (2004).

**44. Conrads-G**

Prävention, Diagnostik und Therapie oraler und odontogener Infektionen  
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*Antimicrobial Agents and Chemotherapy*, 49, 434-437 (2005).

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**In:** International Journal of Medical Microbiology. Vol. 303S1, Abstract DVP09, page 8.

65. Jahrestg. der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM), Rostock, 2013.

**Das Poster ist zudem Gewinner des DGHM/DGI Posterpreises 2013.**

**81.** A. Rheinberg, L. Song, W. Wang, M. Reck, I. Wagner-Döbler, A.-P. Zeng, **G. Conrads (P)**.

Key differences in the metabolome between *Streptococcus mutans* and *S. sobrinus* as determined by whole-genome comparison of multiple strains.

**In:** International Journal of Medical Microbiology. Vol. 303S1, Abstract MPP01, page 49.

65. Jahrestg. der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM), Rostock, 2013.

**82. S. Latz, K. Henne, M. J. Kiesow, M. Stoneking, J. Li, G. Conrads, and H.-P. Horz (P).**

Deep barcode amplicon sequencing of the glucosyltransferase gene *gtfP* reveals a geographic signature and the world wide diversity of *Streptococcus sanguinis*.

**In:** International Journal of Medical Microbiology. Vol. 303S1, Abstract PWP03, page 95.

65. Jahrestg. der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM), Rostock, 2013.

**83. A. Rheinberg, I. J. Swierzy, T. D. Nguyen, H.-P. Horz, and G. Conrads (P).**

*Streptococcus mutans* 5.6kb plasmids encode a Toxin-Antitoxin system for plasmid stabilization and possibly enhancing fitness.

**In:** International Journal of Medical Microbiology. Vol. 303S1, Abstract PWP06, page 96.

65. Jahrestg. der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM), Rostock, 2013.

**84. A. Rheinberg, K. Henne, H. Meyer-Lückel, and G. Conrads (P).**

Detection of *Scardovia wiggsiae* and *Bifidobacterium dentium* in caries lesions – a pilot study.

**In:** International Journal of Medical Microbiology. Vol. 303S1, Abstract PWP07, page 96.

65. Jahrestg. der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM), Rostock, 2013.

**85. G. Conrads, Anke Rheinberg, Lifu Song, Wei Wang, Michael Reck, Irene Wagner-Döbler, and An-Ping Zeng (V).**

Comparing *Streptococcus mutans* and *S. sobrinus* on whole-genome level

**In:** Abstract book of the EOMWAarhus 2014 (abstract No. 12, page 28):

[eomwaarhus2014.au.dk/fileadmin/EOMW aarhus2014/ABSTRACTS\\_EOMW2014\\_Web.pdf](http://eomwaarhus2014.au.dk/fileadmin/EOMW aarhus2014/ABSTRACTS_EOMW2014_Web.pdf)

11. European Oral Microbiology Workshop, 22.-25. May 2014 in Aarhus, Denmark.

**86. K. Henne, F. Fuchs, and G. Conrads (V).**

Abundance shifts of species within the *Campylobacter* genus may display general community shifts in periodontitis progression

**In:** Abstract book of the EOMWAarhus 2014 (abstract No. 15, page 32):

[eomwaarhus2014.au.dk/fileadmin/EOMW aarhus2014/ABSTRACTS\\_EOMW2014\\_Web.pdf](http://eomwaarhus2014.au.dk/fileadmin/EOMW aarhus2014/ABSTRACTS_EOMW2014_Web.pdf)

11. European Oral Microbiology Workshop, 22.-25. May 2014 in Aarhus, Denmark.

**87. A. Rheinberg, K. Henne, B. Melzer-Krick, and G. Conrads (P).**

*Scardovia wiggsiae* and *Bifidobacterium dentium* in caries versus health associated oral biofilm.

**In:** Abstract book of the EOMWAarhus 2014 (abstract No. 52, page 71):

[eomwaarhus2014.au.dk/fileadmin/EOMW aarhus2014/ABSTRACTS\\_EOMW2014\\_Web.pdf](http://eomwaarhus2014.au.dk/fileadmin/EOMW aarhus2014/ABSTRACTS_EOMW2014_Web.pdf)

11. European Oral Microbiology Workshop, 22.-25. May 2014 in Aarhus, Denmark.



**88.** Apel Ch., A. Barg, A. Rheinberg, I. Wagner-Döbler, and **G. Conrads (P)**. Carolacton inhibit biofilm growth of *Streptococcus mutans* and can be incorporated into dental composite materials.

**In:** Abstract book of the EOMWAarhus 2014 (abstract No. 55, page 74):  
eomwaarhus2014.au.dk/fileadmin/EOMWAarhus2014/ABSTRACTS\_EOMW2014\_Web.pdf

11. European Oral Microbiology Workshop, 22.-25. May 2014 in Aarhus, Denmark.

**89.** K. Henne and **Conrads, G (P)**

Clinical significance of oral *Campylobacter*

**In:** Abstract book (PI-27) of

The 12<sup>th</sup> Biennial Congress of the Anaerobe Society of the Americas

28.06.-01.07.2014 in Chicago, Illinois, USA

**90.** S. Latz, Henne K, M. Kiesow, M. Stoneking, J. Li, **G. Conrads**, and H.P Horz (**V**).

The oral microbiome as a source of bacterial genes for insights into human population structure.

4<sup>th</sup>. Joint Conference of the German Society for Hygiene and Microbiology (DGHM) and the Association for General and Applied Microbiology (VAAM).

**In:** Biospektrum (ISSN 0947-0867), spezial edition 2014, abstract PWV02, page 145.

05-08 October 2014 in Dresden, Germany.

**91.** K. Henne, A. Gunesch, M. Esteves-Oliveira, C. Walther, and **G. Conrads (P)**.

Metabolic activity of selected acidogenic bacteria reflects caries activity

**In:** International Journal of Medical Microbiology.

67. Jahrestg. der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM), 27.-30.09.2015 in Münster.

**92.** K. Henne, S. Barth, M. van der Linden, and **G. Conrads (P)**.

*Streptococcus tigurinus* – a distinct species or a pathotype of *S. oralis*?

**In:** International Journal of Medical Microbiology.

67. Jahrestg. der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM), Münster, ), 27.-30.09.2015 in Münster.

**93.** E. Lange, B. Melzer-Krick, K. Henne, and **G. Conrads (P)**

Testing an antioxidants-rich medium to grow oral anaerobes aerobically

**In:** Abstract book “2016 Anaerobe Nashville” PII-16 (page 155)

The 13<sup>th</sup> Biennial Congress of the Anaerobe Society of the Americas

11.07.-14.07.2016 in Nashville, Tennessee, USA

**94. J. Tyralla, K. Henne, S. Neuss-Stein, and G. Conrads (P and V).**

Anti-SM monoclonal antibodies: production and applications

In Caries Research 2016; 50: page 10; DOI: 10.1159/000445087

63<sup>th</sup>. ORCA Congress (The European Organisation for Caries Research), session 1: Microbiology  
06.-09. 07. 2016 in Athens, Greek.

**95. F. Hetrodt, J. Lausch, H. Meyer-Lueckel, C. Apel, and G. Conrads (P and V).**

Model parameters for caries initiation adjacent to composite by a *Streptococcus mutans* biofilm

In Caries Research 2016; 50: page 34; DOI: 10.1159/000445087

63<sup>th</sup>. ORCA Congress (The European Organisation for Caries Research), session 1: Microbiology  
06.-09. 07. 2016 in Athens, Greek.

**96. Henne, K., Z. Shukoor, H. Meyer-Lückel, G. Conrads, und R.J. Wierichs (P and V)**

Pilotstudie zum Effekt von (Alkali-)Metallfluoriden auf das Biofilm-Wachstum von *Streptococcus mutans* und *Lactobacillus paracasei*

30. Jahrestg. der Deutschen Gesellschaft für Zahnerhaltung (DGZ), 06.-08.10.2016 in Leipzig.

In: Deutsche Zahnärztliche Zeitschrift (DZZ), 2016; 71 (5), S. D30-31.

**97. Conrads G., S. Barth, M. Möckel, L. Lenz, M. van der Linden, and K. Henne (P, eP and V)**

*Streptococcus tigurinus* is frequent among *gtfR*-negative *S. oralis* endocarditis-isolates and in oral samples of healthy adults but highly virulent strains are uncommon

5th. Joint Conference of the German Society for Hygiene and Microbiology (DGHM) and the Association for General and Applied Microbiology (VAAM).

In: BIOSpektrum Sonderausgabe 2017, ISSN 0947-0867, Seite 290-291

05-08 March 2017 in Würzburg, Germany.

**98. Hetrodt, J. Lausch, H. Meyer-Lueckel, G. Conrads and C. Apel, (P and V).**

Influence of Carolacton-containing composite materials on the development of secondary caries in vitro

In: Caries Research 2017

64<sup>th</sup>. ORCA Congress (The European Organisation for Caries Research), session 1: Microbiology  
05.-06. 07. 2017 in Oslo, Norway

**99. C. Walther, H. Meyer-Lueckel, G. Conrads, M. Esteves-Oliveira and K. Henne (P and V)**

Correlation between relative bacterial activity and sucrose-related H<sup>+</sup>-concentration of *Lactobacillus paracasei* and *Fusobacterium nucleatum*

**In Caries Research 2017**

64<sup>th</sup>. ORCA Congress (The European Organisation for Caries Research), session 1: Microbiology  
05.-06. 07. 2017 in Oslo, Norway

**Die Arbeit hat zudem zum Gewinn des Oral-B-Preises, 2. Platz, 2017 geführt.**

**100. Kather, M., M. Skischus, P. Kandt, A. Pich\*, S. Neuss-Stein and G. Conrads (V)**

Functional isoeugenol-modified-nanogel coatings for implants

**In:** Journal of Oral Microbiology, 2017, Suppl. 1325239

12. European Oral Microbiology Workshop, 25.-28. May 2017 in Stockholm, Sweden.

**101. M. Teichmann, K. Groß, M. Rückbeil, G. Conrads, S. Wolfart (P)**

Einzelzahnimplantate mit Lithium-Disilikat-Suprakonstruktionen: Risikofaktoren für den bakteriellen Befall nach 1 Jahr in Funktion

**In:** 31. Kongress der Deutschen Gesellschaft für Implantologie

30.11.-02.12.2017 in Düsseldorf

**102. G. Conrads and M.M.H Abdelbary (V)**

Challenges of Next-Generation-Sequencing Targeting Anaerobes

**In:** Abstract book "2018 Anaerobe Las Vegas" SVIII-1 (page 32)

The 14<sup>th</sup> Biennial Congress of the Anaerobe Society of the Americas

09.07.-12.07.2018 in Las Vegas, Nevada, USA

**103. K. Henne, H. Schilling, M. Stoneking, G. Conrads, and H.-P. Horz (P)**

Sex-specific differences in the incidence of *Fusobacterium nucleatum* subspecies in the oral cavity

**In:** Abstract book "2018 Anaerobe Las Vegas" PI-8 (page 116)

The 14<sup>th</sup> Biennial Congress of the Anaerobe Society of the Americas

09.07.-12.07.2018 in Las Vegas, Nevada, USA

**104. M.M.H Abdelbary and G. Conrads (P)**

Evaluation of commonly used primers targeting 16S rRNA genes in next-generation sequencing (NGS) based studies.

**In:** Abstract book "2018 Anaerobe Las Vegas" PI-38 (page 148)

The 14<sup>th</sup> Biennial Congress of the Anaerobe Society of the Americas

09.07.-12.07.2018 in Las Vegas, Nevada, USA.

**105.** C. Walther, S. Zumbülte, C. M. Faerber, H. Meyer-Lueckel, **G. Conrads**, K. Henne, M. Esteves-Oliveira (V)

Analysis of relative bacterial activity and Idh-gene expression of caries-associated bacteria in a site-specific natural biofilm

66th. ORCA Congress (The European Organisation for Caries Research), session 1: Microbiology  
03.-06. 07. 2019 in Cartagena, Colombia.

**106.** K. Kniha, H. Kniha, G. Conrads, L. Rink, K. Clever, A. Modabber, and F. Hölzle

Effect of inflammation on the soft tissue around titanium and zirconium implants in comparison to natural teeth

28. Annual Meeting of the European Association for Osseointegration (EAO)  
26.-28.09.2019 in Lisboa, Portugal

**107.** M.M.H. Abdelbary, G. Wilms and **G. Conrads (P)**

Typing method for identifying and discriminating salivarius group streptococci

6th. Joint Conference of the German Society for Hygiene and Microbiology (DGHM) and the Association for General and Applied Microbiology (VAAM).

In: BIoSpektrum (expected)

08-11 March 2020 in Leipzig, Germany.

**108.** M.M.H. Abdelbary, G. Wilms and **G. Conrads (P)**

Comparative genomics reveal insights into genomic plasticity and habitat adaptation of *Streptococcus parasanguinis*

6th. Joint Conference of the German Society for Hygiene and Microbiology (DGHM) and the Association for General and Applied Microbiology (VAAM).

In: BIoSpektrum (expected)

08-11 March 2020 in Leipzig, Germany.

**109.** A. S. Braga, J. G. Pires<sup>1</sup>, F. Melo, L. L. Saldanha, A. L. Dokkedal, G. Conrads, A. C. Magalhães, M. Esteves-Oliveira (V)

Effect of different experimental mouthrinses containing natural/herbal extracts on caries-associated bacteria. A microcosm biofilm model 66th. ORCA Congress (The European Organisation for Caries Research), session 1: Microbiology

08.-11. 07. 2020 in Cagliari, Sardinia, Italy.

**110.** Froeber, K., C. Bergs, A. Pich, and **G. Conrads (P)**

Biofunctionalized zinc peroxide nanoparticles inhibit peri-implantitis associated anaerobes

**In:** Abstract book “2020 Anaerobe Seattle”

The 15<sup>th</sup> Biennial Congress of the Anaerobe Society of the Americas

23.07.-26.07.2020 in Seattle, Washington, USA (as Zoom conference because of Corona-Pandemic)

**111.** Y. Shi, C. Bergs, A. Pich, and **G. Conrads** (P)

Isoeugenol-modified nanogel-coatings for implant protection

**In:** Abstract book “2020 Anaerobe Seattle”

The 15<sup>th</sup> Biennial Congress of the Anaerobe Society of the Americas

23.07.-26.07.2020 in Seattle, Washington, USA (as Zoom conference because of Corona-Pandemic)

**112.** Braga, A.S., J. G. Pires, F. Melo, L. L. Saldanha, A. L. Dokkedal, **G. Conrads**, A. C. Magalhães and M. Esteves-Oliveira (P)

Effect of different experimental mouthrinses containing natural/herbal extracts on caries-associated bacteria. A microcosm biofilm model

37<sup>th</sup>. Annual Congress Brazilian Division of IADR (SBPqO). Virtula congress (corona) 09.-12.09.2020 in Brazil

In: Brazilian Oral Research

**113.** Braga, Aline S., Fernanda P.S.R de Melo, Dr. Leonardo L. Saldanha, Anne L. Dokkedal, Tobias Meißner, Maximilian Bemann, Ellen Schulz-Kornas, Rainer Haak, Georg Conrads, Ana Carolina Magalhães, and Marcella Esteves-Oliveira

Karieshemmende Wirkung von Pflanzenextrakten aus *Vochysia tucanorum*, *Myrica bella*, *Matricaria chamomilla* and *Malva sylvestris*

4. Gemeinschaftstagung der DGZ und der DGET mit der DGPZM und der DGR<sup>2</sup>Z; 26. – 28.11.2020; Dresden: HAUPTKONGRESS am 27./28.11.2020

**114.** M.M.H. Abdelbary, G. Wilms and **G. Conrads** (P)

The evolution and population structure of *Streptococcus parasanguinis*

**In:** Abstract – Band [https://www.dghm-kongress.de/fileadmin/congress/media/dghm2021/pdf/DGHM\\_2021\\_digital\\_Programme\\_booklet.pdf](https://www.dghm-kongress.de/fileadmin/congress/media/dghm2021/pdf/DGHM_2021_digital_Programme_booklet.pdf)

73. Jahrestg. der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM), 12-14.09.2021, virtuell

**V: Invited Speaker on Conferences and Workshops**

**1. Conrads, G. (Invited speaker)**

Mikrobiologische Diagnostik der Parodontopathien  
Institutsvortrag am Zahnärztlichen Universitäts-Institut  
der Stiftung Carolinum  
15.12.1997 in Frankfurt.

**2. Conrads, G. (Invited speaker)**

Sterility checking for corneal cultures  
10. Conference of the European Eye Bank Association  
16.01.-18.01.1998 in Aachen.

**3. Conrads, G. (Invited speaker)**

Molekular diagnostische Verfahren zum Nachweis von Anaerobiern  
Anaerobier-Workshop der Fachgruppe „Diagnostische Verfahren“ der Deutschen Gesellschaft für  
Hygiene und Mikrobiologie (DGHM)  
13.-14.11.1998 in Berlin.

**4. Conrads, G. (Invited speaker)**

Molekularbiologische Verfahren in der Anaerobierdiagnostik  
8. Frühjahrstagung des Berufsverbandes der Ärzte für Mikrobiologie  
04.-07.03.1999 in Staffelstein

**5. Conrads, G. (Probevortrag Med. Fakultät)**

DNS-Chiptechnologie: Quantensprung in der Medizinischen Diagnostik?!

14.06.1999 in Aachen

**6. Conrads, G. (Invited speaker)**

Trends in der molekularen Taxonomie  
18. Arbeits- und Fortbildungstagung des Arbeitskreises für veterinärmedizinische Infektiosdiagnostik  
(AVID)  
29.09.-01.10.1999 in Staffelstein.

**7. Conrads, G. (Invited speaker)**

The use of oligonucleotides for the diagnosis of anaerobic infection.

3rd workshop: update on anaerobic bacteria

08.-09.10.1999 in Leipzig.

**8. Conrads, G. (Invited speaker)**

Molecular diagnostic of anaerobic periodontal pathogens in clinical specimens

Anaerobe Workshop in Hungary

14.-17.10.1999 in Balatonfüred, Hungary

**9. Conrads, G. (Antrittsvorlesung, Med. Fakultät)**

Neuentdeckte Riesenbakterien und rätselhafte Nanobakterien-

Wie vollständig ist unser Bild vom Mikrokosmos?

13.12.1999 in Aachen

**10. Conrads, G. (Invited speaker)**

Microbiology of root canal infections

Workshop: Free University of Brussels

Tandheelkundige Kliniek

21.03.2000 in Brüssel, Belgium

**11. Conrads, G. (Fortbildung, 3 stündig)**

Aktuelle Themen der oralen Mikrobiologie

-Parodontitis-Therapie und Kariesprävention-

Arbeitskreis Umfassende Zahnheilkunde (AUZ)

22.03.2000 in Bocholt.

**12. Conrads, G. (Fortbildung, 3 stündig)**

Aktuelle Themen der oralen Mikrobiologie

-Parodontitis-Therapie und Kariesprävention-

Arbeitskreis Aachener Zahnärzte

24.05.2000 in Aachen.

**13. Conrads, G. (Invited speaker)**

Molecular taxonomy of fusobacteria and relatives by EF-Tu-gene and 16S/23S ITS sequences

04.07.2000 in Santa Monica, UCLA, USA

**14. Conrads, G. (Fortbildung, 3 stündig)**

Aktuelle Themen der oralen Mikrobiologie  
-Parodontitis-Therapie und Kariesprävention-  
Arbeitskreis Düsseldorfer Zahnärzte  
16.08.2000 in Düsseldorf.

**15. Conrads, G. (Fortbildung, 3 stündig)**

Aktuelle Themen der oralen Mikrobiologie  
-Parodontitis-Therapie und Kariesprävention-  
Arbeitskreis Hildesheimer Zahnärzte (HIZ)  
14.03.2001 in Hildesheim.

**16. Conrads, G. (Invited Speaker)**

Molekulare Verfahren zum Nachweis von Karies-Streptokokken  
Institut für Medizinische Mikrobiologie  
Universität Tübingen  
13.12.2001 in Tübingen.

**17. Conrads, G. (Invited Speaker)**

Monitoring micro-organisms in oral infections by molecular techniques  
11. Internationaler Kongress der Deutschen Gesellschaft für Laserzahnheilkunde  
25.-27.01.2002 in Berlin.

**18. Conrads, G. (Invited Speaker)**

DNA chip technology to analyze the microflora of oral biofilms  
XVIIth Aachen Colloquium on Biomaterials  
04.-05.03. 2004 in Aachen

**19. Conrads, G. (Invited Speaker)**

*Streptococcus salivarius* as a probiotic to prevent oral infections; from basic research to yoghurt production  
Bioclub of Life TecAachen-Jülich  
16.03.2004 in Aachen.



**20. Conrads, G. (Invited Speaker)**

Chemische und mechanische Behandlung des parodontalen Biofilm: Analyse der mikrobiellen Zusammensetzung und gezielte Therapie

50. Zahnärztetag Westfalen-Lippe

25.-27.03. 2004 in Gütersloh.

**21. Conrads, G. (Invited Speaker)**

Genchip & Co.: Neue Methoden zur Diagnostik gemischt-anaerober Infektionen

13. Deutscher MTA-Kongress

16.-13.03.2005 in Berlin

**22. Conrads, G. (Invited Speaker)**

Orale Mikrobiologie: Neueste Erkenntnisse für Mundhygieneprodukte der Zukunft

Henkel KgaA, VTB-Hygiene Research, Z33

10.08.2005 in Düsseldorf

**23. Conrads, G. (Fortbildung, 2 stündig)**

PA & Endo - Bedeutung und Diagnostik der oralen Mikrobiologie

Professional Master „Lasers in Dentistry“

28.09.2005 in Aachen

**24. Conrads, G (Fernsehstudio-Interview)**

Aachener Wissenschaftler kämpfen gegen Karies

WDR Lokalzeit

06.10.2005, 19:30-20:00 in Aachen

**25. Conrads, G (Fortbildung 1,5-tägig)**

Lokale und systemische Medikamentenapplikation

Modul des Curriculums Parodontologie

Der Zahnärztekammer Nordrhein, Karl-Häupl-Institut

16-17.12.2005 in Düsseldorf

**26. Vianna, M.E., H.-P. Horz, B. Gomes, and G. Conrads (Invited Speaker)**

Options and risks by using diagnostic gene chips

Anaerobe 2006, Anaerobe Society of the Americas

**In:** will be published in Anaerobe  
25.-28. 07.2006 in Boise, ID, USA.

**27. Conrads, G. and H.-P. Horz (Invited Speaker)**

Gärtner der Mundflora: Einsatzgebiete oraler Probiotika  
10. Nordrheinischer Hochschultag  
02.12.2006 in Aachen

**28. Stein J., Conrads G., Chrobot J., Von Scheidt W., Lampert F. (Koautor):**

Assoziation von Parodontitis, Myokardinfarkt und Interleukin-I-Genotyp – erste Ergebnisse.  
10. Nordrheinischer Hochschultag  
02.12.2006 in Aachen

**29. Conrads, G. (Invited Speaker)**

*Streptococcus salivarius* as a probiotic to prevent oral infections  
The Streptococcus Symposium  
(on the occasion of the 65<sup>th</sup> birthday of Professor Rudolf Lütticken)  
09.12.2006 in Aachen

**30. Conrads, G (Fortbildung 1,5-tägig)**

Lokale und systemische Medikamentenapplikation  
Modul des Curriculums Parodontologie  
Der Zahnärztekammer Nordrhein, Karl-Häupl-Institut  
26-27.01.2007 in Düsseldorf

**31. HP Horz and G. Conrads (Invited speaker)**

Use of molecular methods in diagnostics and typing of anaerobic bacteria  
42nd. ESCMID Education Course  
02.-04.06.2007 in Szeged, Hungary

**32. Conrads, G (Invited speaker)**

The periodontal biofilm and oral microbiology  
Modul des Curriculums "Master of Science in Laser in Dentistry"  
27.08.2007 in Aachen.

**33. Conrads, G (Invited speaker)**

Periodontal biofilm: Diagnostic and specific chemical-medical & laser treatment  
Modul des Curriculums "Master of Science in Laser in Dentistry"  
06.12.2007 in Aachen.

**34. Conrads, G (Fortbildung 1,5-tägig)**

Lokale und systemische Medikamentenapplikation  
Modul des Curriculums Parodontologie  
Der Zahnärztekammer Nordrhein, Karl-Häupl-Institut  
30.11.-01.12.2007 in Düsseldorf

**35. Conrads, G and H.P. Horz (Invited speaker)**

Diagnosis of oral anaerobic infections  
Course Anaerobic Microbiology organized by the  
Department of Medical Microbiology  
12.03.2008 at the University Medical Center Groningen (UMCG), The Netherlands

**36. Conrads, G (Invited speaker)**

Options and challenges by using diagnostic gene chips  
5<sup>th</sup> Euregio Conference of Clinical Chemistry and Laboratory Medicine  
27.03.2009, Castel of the Val Saint Lambert, Seraing, Belgium.

**37. Conrads, G (Radiointerview)**

Leonardo (WDR5): Lebensraum Mensch  
24.03.2009, 16:00-17:00, Wiederholung. 22:00-23:00

**38. Conrads, G (Fortbildung 1,5-tägig)**

Mikrobiologische Diagnostik sowie  
Lokale und systemische Medikamentenapplikation  
Modul des Curriculums Parodontologie  
Der Zahnärztekammer Nordrhein, Karl-Häupl-Institut  
27.-28.03.2009 in Düsseldorf.

**39. Conrads, G (invited speaker)**

Options and challenges by using diagnostic gene chips

5<sup>th</sup> Euregio Conference of Clinical Chemistry and Laboratory Medicine  
27.03.2009 in Liege/Lüttich, Belgien.

**40. Conrads, G (Invited speaker)**

Value of molecular methods in mixed anaerobic infections  
ESCMID Education Course on Anaerobic Infections  
22.-26.03.2010 at the University Medical Center Groningen (UMCG), The Netherlands.

**41. Conrads, G (Fortbildung 1,5-tägig)**

Mikrobiologische Diagnostik sowie  
Lokale und systemische Medikamentenapplikation  
Modul des Curriculums Parodontologie  
Der Zahnärztekammer Nordrhein, Karl-Häupl-Institut  
25.-26.06.2010 in Düsseldorf.

**42. Conrads, G (Invited speaker)**

Was ist schon so spannend an Plaquebakterien?  
Rede zur akademischen Abschiedsfeier für Herrn Univ.-Prof. Dr. Friedrich Lampert  
02.07.2010 in Aachen, Universitätsklinikum.

**43. Conrads, G (Invited speaker and chair)**

Session 11: Epidemiology and development of antibiotic resistance  
10<sup>th</sup>. European Oral Microbiology Workshop  
19.-22.05.2011 in Zeist, The Netherlands.

**44. Conrads, G (Fortbildung 1,5-tägig)**

Mikrobiologische Diagnostik sowie  
Lokale und systemische Medikamentenapplikation  
Modul des Curriculums Parodontologie  
Der Zahnärztekammer Nordrhein, Karl-Häupl-Institut  
27.-28.05.2011 in Düsseldorf.

**45. Conrads, G (Fortbildung 1,5-tägig)**

Mikrobiologische Diagnostik sowie  
Lokale und systemische Medikamentenapplikation

Modul des Curriculums Parodontologie  
Der Zahnärztekammer Nordrhein, Karl-Häupl-Institut  
11.-12.05.2012 in Düsseldorf.

**46. Conrads, G (Fortbildung 2stündig)**

Sinnvoller und rationaler Einsatz von Antibiotika in der Parodontitis und Periimplantitis-Therapie  
Zahnärztekammer Nordrhein, Sektion Aachen  
21.03.2012 in Aachen

**47. Conrads, G and H.P. Horz (invited speaker)**

Culture-independent molecular methods to investigate flora changes leading to mixed anaerobic infections  
Educational Workshop Practical approach to diagnose mixed anaerobic infections in "real time"  
22<sup>nd</sup>. ESCMID 31.03.-03.04.2012 in London, UK

**48. Conrads, G (invited speaker)**

Value of molecular genetic methods in diagnostics of anaerobes  
ESCMID Postgraduate Technical Workshop: Anaerobes in health and disease  
03.-08. June 2012 in Szeged, Hungary

**49. Conrads, G (faculty member & invited speaker)**

Culture Independent Methods  
Anaerobic identification and susceptibility testing Workshop  
27.-28. 06.2012 in Santa Clara, CA

**50. Conrads, G (Fortbildung 1,5-tägig)**

Mikrobiologische Diagnostik sowie  
Lokale und systemische Medikamentenapplikation  
Modul des Curriculums Parodontologie  
Der Zahnärztekammer Nordrhein, Karl-Häupl-Institut  
31.05.-01.06.2013 in Düsseldorf.

**51. Conrads, G (invited speaker)**

Karies und Parodontitis: Infektionen mit eigenem Charakter  
4. Jahrestagung der Stiftung Innovative Zahnmedizin

02.02.2013 in Zürich (Schweiz).

**52. Conrads, G (invited speaker)**

Mikrobiologische Diagnostik in der Parodontitistherapie: Methoden und therapeutische Konsequenzen.

48. Bodenseetagung der Bezirkszahnärztekammer Tübingen

13.-14. September 2013 in Lindau.

**53. Conrads, G (invited speaker)**

Oral Anaerobes in Health and Disease: 2014 Highlights

The 12<sup>th</sup> Biennial Congress of the Anaerobe Society of the Americas

28.06.-01.07.2014 in Chicago, Illinois, USA

**54. Conrads, G (Invited speaker, faculty member)**

Value of molecular genetic methods in diagnostics of anaerobes

ESCMID Postgraduate Technical Workshop: Anaerobic Bacteria: Next Generation Sequencing Technology meets Anaerobic Diagnostics.

29.-09.-01.10.2014 at the University Medical Center Groningen (UMCG), The Netherlands

**55. G. Conrads and H.-P. Horz (V)**

Relationship between methanogenic archaea and subgingival microbial complexes in human periodontitis.

The 13<sup>th</sup> Biennial Congress of the Anaerobe Society of the Americas

11.07.-14.07.2016 in Nashville, Tennessee, USA

**56. Conrads, G (Invited speaker, faculty member)**

Molecular genetic methods in diagnostics of anaerobes

ESCMID Postgraduate Technical Workshop: Anaerobic Bacteria: Next Generation Sequencing Technology meets Anaerobic Diagnostics.

26.-28.09.2016 at the University Medical Center Groningen (UMCG), The Netherlands

**57. Conrads, G AND 19 co-authors (invited as reviewer and expert immunology)**

Working group 4: Age-related effects on oral health, dental caries and periodontal diseases

The boundaries between caries and periodontal diseases

XIII EFP Workshop jointly by ORCA

06.-09.11.2016 in Madrid (La Granja), Spain.

**58. Conrads, G**

Bioactive NanoCoat - Controlling biofilm by functional coatings  
SFB 1027 seminar, invited by Prof. Hannig  
20.06.2017 in Homburg

**59. Conrads, G.**

Das orale Mikrobiom und seine Virulenzfaktoren  
28. Jahrestagung der NAgP e.v. (Neue Arbeitsgruppe Parodontologie)  
26.09.2020 (virtuell)

**60. Conrads, G.**

Cross-talk between the oral and intestinal microbiome  
8th. Hamburg Expert Meeting, Microbiome, inflammatory bowel and other gastrointestinal diseases  
26.04.2021 virtuell

**VI: Others, Oral (V) or Poster (P) presentation**

**1. Conrads, G., A. Podbielski und R. Lütticken (V)**

Klonierung und Sequenzierung der genetischen Determinante des Hämolytins von *Streptococcus agalactiae* (Gruppe B-Streptokokken)  
Tagung Sektion II Medizinische Mikrobiologie und Immunologie und Sektion III Hygiene und Mikrobiologie der Deutschen Gesellschaft für Hygiene und Mikrobiologie  
07.-08.06.1990 in Münster.

**2. Conrads, G., R. Lütticken und F. Lampert (P)**

Nachweis von parodontopathogenen Bakterien mit Hilfe von nicht-radioaktiv markierten DNA-Sonden  
43. Tagung der Deutschen Gesellschaft für Hygiene und Mikrobiologie,  
30.09.-02.10.1991 in Münster.

**3. Conrads, G. and A. Brauner (P)**

Nonradioactively-labelled DNA probes for the detection of periodontopathogenic *Bacteroides* species  
FEMS Symposium on Black Pigmented Gram-Negative Anaerobes  
21.-23.04.1992 in Antalya, Turkey.

**4. Kaufhold, A., A. Podbielski, G. Conrads und R. Lütticken (P)**

Typenspezifische Identifizierung der Gene des M-Proteins von Gruppe A-Streptokokken  
17. Symposium der Deutschen Gesellschaft für Infektiologie e.V.,  
13.-16.05.1992 in Schloß Reisenburg.

**5. Conrads, G. and A. Kaufhold (P)**

Approach for the identification of oral *Capnocytophaga* species by using oligonucleotide probes complementary to 16S rRNA  
FEMS Symposium, Conference on Taxonomy and Automated Identification of Bacteria  
20.-24.07.1992 in Prague, Czech Republic.

**6. Gräber, H.G. und G. Conrads (V)**

Klinische und immunologisch-mikrobiologische Diagnostik juveniler Parodontopathien  
Österreichischer Zahnärztekongress 1992  
13.-17.10.1992 in Vienna, Austria.

**7. Augthun, M., G. Conrads, H. Spiekermann und F. Lampert (V)**

Antibiotic therapy combined with surgical treatment of deep osseous defects around implants  
Jahreskongreß der Arbeitsgemeinschaft Implantologie und der Österreichischen Gesellschaft für Zahn-, Mund- und Kieferheilkunde  
15.-18.04.1993 in Vienna, Austria.

**8. Brauner, A. und G. Conrads (V)**

Parodontitiden älterer Menschen - Eine klinische Studie  
Jahrestagung der Deutschen Gesellschaft für Zahnerhaltung e.V.  
14.-15.05.1993 in Göttingen.

**9. Gräber, H.-G., P. Bottenberg und G. Conrads (V)**

Differentialdiagnostik und Frühbehandlung juveniler Parodontopathien  
Jahrestagung der Arbeitsgemeinschaft für Zahnheilkunde und Prophylaxe in der DGZMK und der Deutschen Gesellschaft für Kinderzahnheilkunde e. V.  
12.-13.11.1993 in Göttingen.

**10. Conrads, G. and A. Brauner (P)**

Detection of Periodontopathic Bacteria by DNA Probes and



Therapeutic Consequences

6th. Meeting of the German-Israeli Foundation For Scientific Research and Development  
29.05.-02.06.1994 in Greifswald.

**11. Conrads, G.**, A. Brauner und A. Althoff (**P/V**)

Neue molekulargenetische Verfahren zum Nachweis parodontopathogener Bakterien  
118. Jahrestagung der Deutschen Gesellschaft für  
Zahn-, Mund- und Kieferheilkunde  
06.10.-08.10.1994 in Travemünde.

**12. Gräber, H. G.**, H. Thissen, D. Klee, **G. Conrads** und F. Lampert (**V**)

Entwicklung resorbierbarer Membransysteme zur gesteuerten Geweberegeneration bei Erkrankungen  
des Zahnhalteapparates  
17. Jahrestagung der Gesellschaft für Orale Implantologie  
18.11.1994 in Baden-Baden.

**13. Brauner, A.**, **G. Conrads**, B. Brehm und F. Lampert (**P**)

Das mikrobielle Spektrum der Parodontitis apicalis  
9. Jahrestagung der Deutschen Gesellschaft für Zahnerhaltung  
12.-13.05. 1995 in Berlin.

**14. Jansen, V.K.**, **G. Conrads** und E.-J. Richter (**V**)

Untersuchungen zur Dichtigkeit zwischen Implantat und Aufbauteil  
46. Jahrestagung der Arbeitsgemeinschaft Kieferchirurgie  
25.-27.05.1995 in Bad Homburg.

**15. Jansen, V.K.**, **G. Conrads** und E.-J. Richter (**V**)

Untersuchungen zur Dichtigkeit zwischen Implantat und Aufbauteil  
Herbsttagung der Deutschen Gesellschaft für Implantologie im Zahn-, Mund- und Kieferbereich  
23.-25. 11. 1995 in Köln.

**16. Conrads, G.**, K. Pelz, B. Hughes, I. Seyfarth, and D. A. Devine (**V**)

Ribosomal-DNA directed oligonucleotides for the differentiation of *Prevotella intermedia* and  
*Prevotella nigrescens*  
5th. European Oral Microbiology Workshop

10.-11. 05. 1996 in Göteborg, Sweden.

**17. Conrads, G.**, I. Seyfarth, B. Hughes, and K. Pelz **(V)**

Relationship of species within the genus *Capnocytophaga*

5th. European Oral Microbiology Workshop

10.-11. 05. 1996 in Göteborg, Sweden.

**18. Conrads, G.**, J. Soffner, K. Pelz, and R. Mutters **(V)**

Taxonomic Update and Clinical Significance of Species within the Genus *Peptostreptococcus*

Congress on Anaerobic Bacteria and Anaerobic Infections of the

Anaerobe Society of the Americas

19.-21.07. 1996 in Chicago, USA.

**19. Brauner, A., G. Conrads** und F. Lampert **(V)**

Klinisch und mikrobiologisch kontrollierte Studie an 40 Patienten zur Therapieeffektivität von lokaler Metronidazol-Applikation bei Parodontitis marginalis

Jahrestagung der Deutschen Gesellschaft für Parodontologie

20.-21.09.1996 in Baden Baden.

**20. Wilkert-Walter, C., N. Gutknecht** und **G. Conrads (V)**

Bakterizide Wirkung des CO<sub>2</sub>-Lasers im Wurzelkanal-eine *in-vitro*-Studie

Kongress der Deutschen Gesellschaft für Laserzahnheilkunde

31.01.-02.02.1997 in Frankfurt.

**21. Gräber, H.-G., H. Bienert, G. Conrads, H. Thissen, H. Thelen, O. Pfannenstiel, G. Jakse, and F. Lampert (V)**

Development of resorbable membranes with incorporated antibodies to integrin subunit,

Egyptian Dental Association

4.-07.11.1997 in Cairo, Egypt.

**22. Bienert,H., H. Thelen, H. Thissen, G. Conrads, and H.-G. Gräber (V)**

Optimization of an absorbable barrier membrane for periodontitis treatment by incorporation of bioactive substances.

30<sup>th</sup> International Biomaterial Symposium,

1998 in San Diego, USA.

**23. Conrads, G.,** L. Stefanidou, F. Lampert, and R. Lütticken **(V)**

Parodontitis-Erreger: Detektion über Oligonukleotide und Virulenzbestimmung mittels Durchflußzytometrie

Statussymposium Parodontologie

15.05.1998 in Berlin.

**24. Flemmig, Th. F.,** B. Ehmke, T. Beikler, W. Kreß, **G. Conrads,** and H. Karch **(V)**

Einflußfaktoren für das Langzeitergebnis der Parodontitistherapie

Statussymposium Parodontologie

15.05.1998 in Berlin.

**25. N. Gutknecht, G. Conrads,** C. Apel, C. Schubert, and F. Lampert **(V)**

Bactericidal effect of the Diode Laser on root canal flanking dentine

6. Conference of the International Society for Laser in Dentistry

28.-30.07.1998 in Maui, Hawaii.

**26. G. Conrads (V)**

Flow cytometry to quantify phagocytosis of oral pathogens by PMN's

6<sup>th</sup> European Oral Microbiology Workshop

01.-03.05.1999 in Brighton, UK.

**27. G. Conrads,** M. C. Claros, D. M. Citron, E. J.C. Goldstein **(V)**

Internal transcribed spacer (ITS) sequences for analysis of the phylogenetic relationships among species of the genus *Fusobacterium*

7<sup>th</sup> European Oral Microbiology Workshop

03.-05.05.2002 in Jena.

**28. G. Conrads,** D. M. Citron, E. J.C. Goldstein **(V)**

Combining p16S rDNA, p23S rDNA, and ITS information to optimize the phylogenetic resolution

7<sup>th</sup> European Oral Microbiology Workshop

03.-05.05.2002 in Jena.

**29. G. Conrads (V)**

New approaches for a molecular diagnosis of Porphyromonas gingivalis

Workshop Porphyromonas gingivalis des Graduiertenkollegs "Ätiopathogenese und Therapie der Parodontitis

13.12.2002 in Berlin

**30. G. Conrads (V)**

Aufbau eines erfolgreichen diagnostisch-orientierten Unternehmens  
am Beispiel der LCL biokey GmbH, Aachen

3.Baesweiler BioTec-Meeting

31.10.2002 in Baesweiler

**31. Conrads, G. and H.-P. Horz (V)**

Methoden zur Erfassung der Komplexität des subgingivalen Biofilm

1.Workshop der ARPA-Wissenschaftsstiftung „Quo vadis Parodontologie“

02-03.04. 2004, Berlin

**32. Horz, H.P. and G. Conrads (V)**

Methanogens and sulfate reducers colonizing the human oral cavity

8<sup>th</sup>. European Oral Microbiology Workshop

12.-15.05.2005 in Sani, Greece.

**33. Vianna, M.E., H.P. Horz, B.P.F.A. Gomes, and G. Conrads (V)**

Microarrays to support identification of perio- and endodontic infections

8<sup>th</sup>. European Oral Microbiology Workshop

12.-15.05.2005 in Sani, Greece.

**34. Sztajer, H., R. Geffers, C. Apel, I. Seyfarth, I. Wagner-Döbler, and G. Conrads (V)**

Whole genome microarray for *Streptococcus mutans*

8<sup>th</sup>. European Oral Microbiology Workshop

12.-15.05.2005 in Sani, Greece.

**35. Apel C, Sztajer H, Geffers R, Seyfarth I, Wagner-Döbler I, and G. Conrads (P)**

Expression Profile of SM Using Microarray Analysis.

5<sup>th</sup> Conference European Research Group for Oral Biology ERGOB,

01.-04.09.2005 in Geneva, Switzerland.

**36.** Stein, J., **G. Conrads** et al.

Assoziation von Parodontitis, Myokardinfarkt und Interleukin-1 Genotyp – erste Ergebnisse

10. Nordrheinischer Hochschultag

02.12.2006 in Aachen

**37.** Horz, H.-P., Scheer, S., Vianna, M.E., and **G. Conrads (V)**

Specific enrichment of bacterial DNA from oral specimens

9<sup>th</sup>. European Oral Microbiology Workshop

22.-25.05.2008 in Helsinki, Finland

**38.** Horz, H.-P., Vianna, M.E., Holtgraewe, S and **G. Conrads (V)**

Hydrogen-Transfer and –Consumption in plaque and relevance for periodontal diseases

9<sup>th</sup>. European Oral Microbiology Workshop

22.-25.05.2008 in Helsinki, Finland.

**39.** Zeng, A.-P., Sun, J, Kremling, A., **Conrads, G.**, Apel, Ch., Blöcker, H., Wang, W. Schulz, S., Barg, A., and I. Wagner-Döbler (**V**)

Development of biofilm inhibitors using a systems biology approach – BioInSys

German Symposium on Systems Biology

12.-15.05.2009 in Heidelberg.

**40.** Zeng, A.-P., Sun, J, Kremling, A., **Conrads, G.**, Apel, Ch., Blöcker, H., Wang, W. Schulz, S., Barg, A., and I. Wagner-Döbler (**P**)

Biofilm development and quorum sensing in *Streptococcus mutans* -BioInSys

German Symposium on Systems Biology

12.-15.05.2009 in Heidelberg.

**41.** Apel, Ch., Wagner-Döbler, I., Zeng, A.-P., Sun, J, Kremling, A., Blöcker, H., Wang, W. Schulz, S., Barg, A., and **G. Conrads (P)**

Monitoring the significance of in-vitro data for the clinical situation -BioInSys

German Symposium on Systems Biology

12.-15.05.2009 in Heidelberg.

**42.** H.-P. Horz, N. Robertz, and **G. Conrads**, 2009. (**P**)

Interactions between methanogenic archaea and microbial complexes in human periodontitis.

3<sup>rd</sup>. Congress of European Microbiologists (FEMS),  
28.06.-02.07.2009 in Gothenburg, Schweden.

**43.** Zeng, A.-P., Sun, J, Kremling, A., **Conrads, G.**, Apel, Ch., Blöcker, H., Wang, W. Schulz, S., Barg, A., and I. Wagner-Döbler (**V**)

BioInSys: Development of biofilm inhibitors using a systems biology approach

MedSys (BMBF) Statussymposium.

01.-02.06.2010 in Freiburg.

**44.** Kunze, B., **Conrads, G.**, Apel, Ch., Sztajer, H., Barg, A., Schulz, S. and I. Wagner-Döbler (**P**)

From Soil bacteria to tooth coating.

MedSys (BMBF) Statussymposium.

01.-02.06.2010 in Freiburg.

**45.** Sun, J., Song, L., Jareg, M., **Conrads, G.**, Apel, Ch., Blöcker, H., Wang, W., Wagner-Döbler, I. And A.-P. Zeng (**P**)

Niche diversification in *Streptococcus* spp. revealed by whole genome sequencing isolates

MedSys (BMBF) Statussymposium.

01.-02.06.2010 in Freiburg.

**46.** Stein, J. M, F. Lammert, V. Zimmer, S. Reichert, S. Schulz, M. Granzow, und **G. Conrads (V)**

Klinisch parodontale und mikrobiologische Manifestation von Morbus Crohn

DGP-ARPA Herbsttagung

17.-18.09.2010 in Bonn

**47.** Horz, H.-P. and **G. Conrads (V)**

The salivary microbiome as an indicator for human-microbe co-eveolution

10<sup>th</sup>. European Oral Microbiology Workshop

19.-22.05.2011 in Zeist, The Netherlands.

**48. Conrads, G.**, H.-P. Horz and the ADEMED study group (**V**)

Increased risk of oral inflammation and associated bacterial spectrum with travelers in remote regions of the Himalayas

10<sup>th</sup>. European Oral Microbiology Workshop

19.-22.05.2011 in Zeist, The Netherlands.

**49.** Kern, T, H. Herrman, J. Lautensack, **G. Conrads**, and S. Wolfart

In-vivo analysis of bacterial adherence to abutment materials

IADR/AADR/CADR general session and exhibition

20.-23.03.2013 in Seattle, USA

**50.** Wagner-Döbler, I. and the e.biofilm consortium (incl. G. **Conrads**) (V)

Fighting biofilm of streptococci by a new biofilm inhibitor: from bench to dental products

E:bio Statusseminar

22.-23.09.2014 in Berlin

**51.** Skischus, M., M. Kather, R. Schröder, P. Kandt, S. Neuss-Stein, A. Pich, and **G. Conrads** (P)

Nanogels as implant coatings preventing colonization with *Porphyromonas gingivalis*

2<sup>nd</sup> International Conference on *Porphyromonas gingivalis* and related species in oral and systemic infections, PgLondon2015

23<sup>rd</sup>-25<sup>th</sup>06.2015 in London, UK

**52.** F. Hetrod, J. Lausch, C. Apel, und **G. Conrads** (V)

Untersuchung der Sekundärkaries im Streptococcus-mutans-Biofilmmodell *in vitro*

48. Jahrestagung des Arbeitskreises Grundlagenforschung in der Zahnmedizin (AfG)

07.-08.01.2016 in Mainz

**53.** K. Henne, S. Kruth, J. M. Stein, und **G. Conrads** (V)

Campylobacter-Spezies Proportionen spiegeln die mikrobielle Gemeinschaft im Verlauf einer Parodontitis

48. Jahrestagung des Arbeitskreises Grundlagenforschung in der Zahnmedizin (AfG)

07.-08.01.2016 in Mainz

**54.** S. Falkenstein, J. Stein, k. Henne, and **G. Conrads** (P).

Mikrobiologische Diagnostik und Antibiotikaeinsatz in der Parodontitistherapie - eine Umfrage unter deutschen Zahnärzten.

DG PARO Jahrestagung 2016, 15.-17.09.2016 in Würzburg.

**55.** **G. Conrads** (discussion panel)

Tackling infectious diseases & antimicrobial resistance

European Research and Innovation days

24.-26.09.2019 in Brussels, Belgium

**56.** Jansen, P. M., M. H. H. Abdelbary, and G. Conrads (V)

A concerted probiotic activity to inhibit periodontitis-associated bacteria

13<sup>th</sup>. European Oral Microbiology Workshop

27.-28.05.2021 virtually (corona), Tromso, Norway.