

Thema: Pathoblockerbasierte Virulenzmodulation von *P. gingivalis*: Ein innovativer Ansatz in der Parodontologie

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Literatur (Printversion)

- 1) Brauckhoff, G., Kocher, T., Holtfreter, B., Bernhardt, O., Splieth, C., Biffar, R., Saß, A.-C., 2009. Mundgesundheit (No. Heft 47), Gesundheitsberichterstattung des Bundes. Robert Koch-Institut.
- 2) Bartsch, S., Kohnert, E., Kreutz, C., Woelber, J.P., Anderson, A., Burkhardt, A.-S., Hellwig, E., Buchalla, W., Hiller, K.-A., Ratka-Krueger, P., Cieplik, F., Al-Ahmad, A., 2024. Chlorhexidine digluconate mouthwash alters the oral microbial composition and affects the prevalence of antimicrobial resistance genes. *Front. Microbiol.* 15, 1429692. <https://doi.org/10.3389/fmicb.2024.1429692>
- 3) Bescos, R., Ashworth, A., Cutler, C., Brookes, Z.L., Belfield, L., Rodiles, A., Casas-Agustench, P., Farnham, G., Liddle, L., Burleigh, M., White, D., Easton, C., Hickson, M., 2020. Effects of Chlorhexidine mouthwash on the oral microbiome. *Sci. Rep.* 10, 5254. <https://doi.org/10.1038/s41598-020-61912-4>
- 4) Brown, E.D., Wright, G.D., 2016. Antibacterial drug discovery in the resistance era. *Nature* 529, 336–343. <https://doi.org/10.1038/nature17042>
- 5) Taudte, N., Liebe, L., Jänckel, N., Ramsbeck, D., Schilling, S., Potempa, J., Eick, S., Buchholz, M., eingereicht, 2025. Novel small molecule targeting PgQC reduces *Porphyromonas gingivalis* virulence. <https://doi.org/10.1101/2025.09.30.679452>