



**International
Graduate School
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M3-project 3: Investigation of biofilms during septical prosthesis
relaxation

Prof. Dr. rer. nat. › **Jessica Bertrand**

(http://www.kort.ovgu.de/Exp_+Orthop%C3%A4die-p-424.html) (OVGU,
MED, KORT)

Prof. Dr. med. › **Christoph Lohmann**

(<http://www.kort.ovgu.de/Team.html>) (OVGU, MED, KORT)

Prof. Dr. rer. nat. › **Dietmar Pieper**

(https://www.helmholtz-hzi.de/en/research/research_topics/bacterial_and_viral_pathogens/microbia_l_interactions_and_processes/team/) (HZI)

Prof. Dr., Ph.D. › **Eva Medina**

(https://www.helmholtz-hzi.de/en/research/research_topics/bacterial_and_viral_pathogens/infection_immunology/eva_medina/) (HZI)

Prof. Dr. rer. nat. › **Andreas Müller**

(<http://www.med.uni-magdeburg.de/unimagdeburg/Institute/Molekulare+und+Klinische+Immunologie/Forschung/Arbeitsgruppen/AG+M%C3%BCller/Team.html>) (OVGU,
MED, IMKI)

Meinshausen, A-K; Herbster, M; Zwahr, C; Soldera, M; Müller,

A; Halle, T; Lasagni, A; Bertrand, J. (2021) Aspect ratio of nano/microstructures determines Staphylococcus aureus adhesion on PET and titanium surfaces.

<https://doi.org/10.1111/jam.15033>

(<https://sfamjournals.onlinelibrary.wiley.com/doi/full/10.1111/jam.15033>)

Bui VD, Mwangi JW, **Meinshausen A-K**, Mueller AJ, Bertrand J, Schubert A (2020). Antibacterial coating of Ti-6Al-4V surfaces using silver nano-powder mixed electrical discharge machining. Surface and Coatings Technology. Volume 383.

doi.org/10.1016/j.surfcoat.2019.125254

(<https://doi.org/10.1016/j.surfcoat.2019.125254>)

Meinshausen, A-K.; Märtens, N.; Berth, A; Färber, J.; Awiszus, F.; Macor, P.; Lohmann, C. H.; Bertrand, J. (2018). The terminal complement pathway is activated in septic but not in aseptic shoulder revision arthroplasties. Journal of shoulder and elbow surgery. Bd. 27, 10, S. 1837-1844.

DOI:10.1016/j.jse.2018.06.037

(<https://pubmed.ncbi.nlm.nih.gov/30139682/>)



News

2022-05-12
Ann-Kathrin
Meinshausen:
PhD Defense

2022-04
Alexander
Pauser:
PhD Submission

2022-03-17
Carla Marcia
Cangalaya

**Lira:
PhD
Defen
se**

**2022-
02-23
Ritup
arna
Bhatt
achar
jee:
PhD
Defen
se**

**2021-
11-19
Ayse
Malci
: PhD
Defen
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