

DFG: Bacteriophage loaded polyelectrolyte coatings for the reduction of implant-associated infections

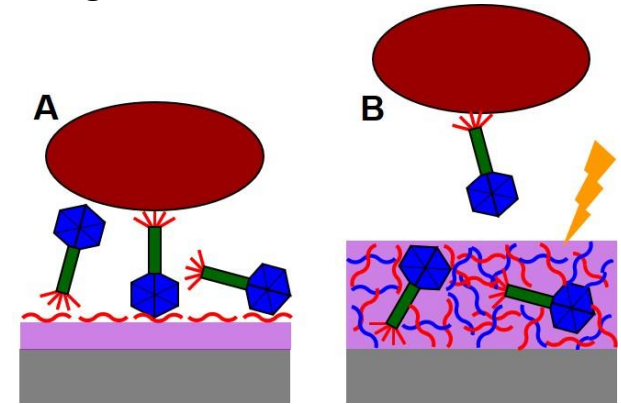


Aim

- Antibacterial polyelectrolyte/bacteriophage (PEL/PHAG) complex coatings

Approach

- PHAG are physiologically harmless viruses infecting and replicating within harmful host bacteria (BAC).
- PEL coatings with permanently (A) or temporarily (B) bound PHAG
- *In-vitro* and *in-vivo* testing of PEL/PHAG coatings @ implants (Prof. V. Alt, Uniklinikum Regensburg)



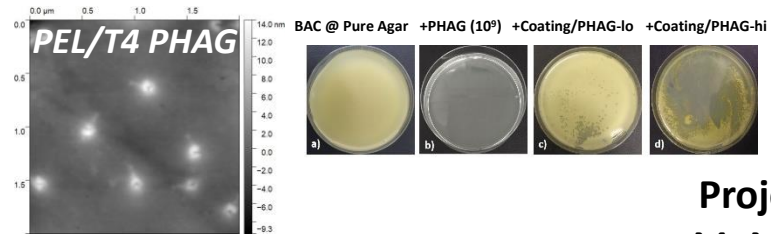
Project Data

Funding period (plan): 01/2022 - 12/2024

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Project leader: M. Müller



Project Leaders
M. Müller, V. Alt