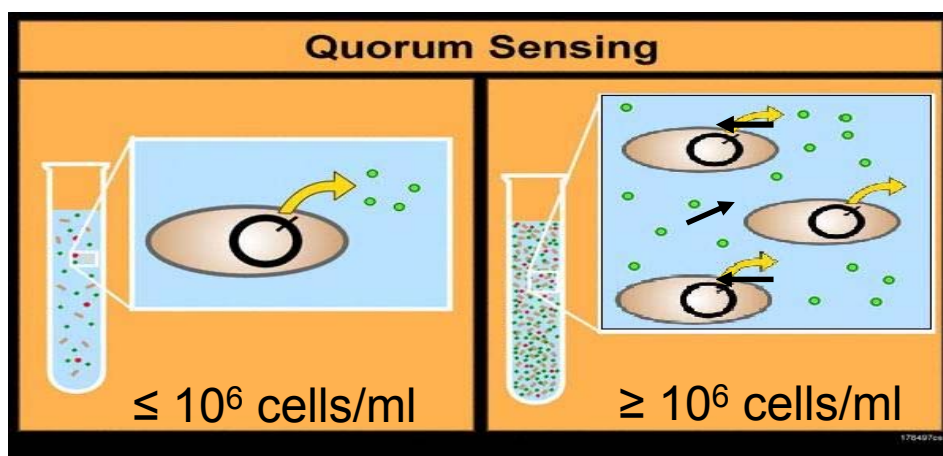


# Project /PhD thesis

## Microbiology

**Topic:** The role of quorum sensing in interaction forces between bacteria and yeasts



Project description: Biofilms on implant surfaces may consist of more than a single microbial species. Recently it has become clear that secreted signaling molecules produced by one species can be detected by another species. The focus of this PhD-project will be on determining the role of physico-chemical properties in intra- and interspecies interactions with respect to regulation of their interaction forces using AFM. Construction and use of bacterial and fungal mutants to allow more detailed investigations is part of the project.

Type of work: experimental

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