

Eco-evolutionary interactions in polymicrobial infections

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Communities of bacteria derived from polymicrobial urinary tract infections (UTIs) together with commensal residents can be viewed as small ecosystems. By measuring pair-wise interactions we obtained a unique insight in the ecological interactions of these microbiome members. We find that many of these bacterial interactions affect the immediate tolerance to antibiotics, as well as their ability to evolve antibiotic resistance.

Author: DE VOS, Marjon (RUG)

Presenter: DE VOS, Marjon (RUG)

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