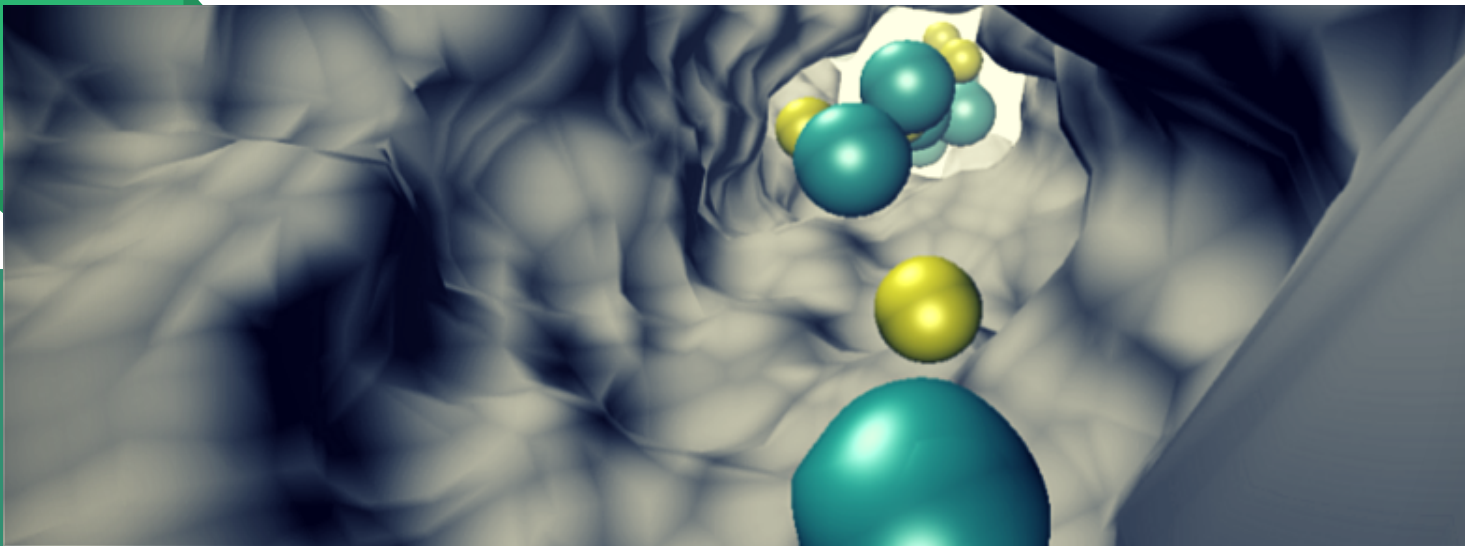


# Novel approaches to fight bacteria

From understanding the crossing of membrane barrier to the development of new nanotechnology-based drugs



The raise of antimicrobial resistance urges the development of novel approaches to bring antibiotics into bacteria. This workshop will provide an interdisciplinary overview of EU-funded research in this field. The following topics will be covered:

Introductory to EU-funded projects

Assays and mechanism of action

Nanoencapsulation

Mass-spectrometry & fluorescence

In vitro, ex vivo and in vivo animal models

Translation to clinical development

Impact of porin structure on antibiotic permeability

Efflux pumps

ND4BB Data Hub: contribution to antibiotic research

**WORKSHOP**  
**10-14 July 2016**  
**Jacobs University**  
**Bremen**  
**Germany**

[http://nd4bb.eu/  
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