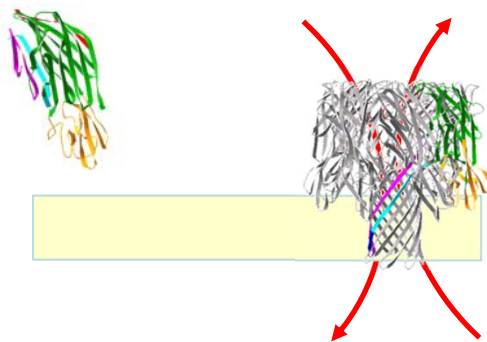


Attack and defense- on the interaction between *S.aureus* hemolysin and cell targets

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Pathogenic bacteria employ pore forming toxins (PFT) in order to enhance their survival probability in the host. In *S.aureus* the major PFT is the α -toxin (aka hemolysin A). Pore formation occurs after binding and oligomerisation of the protein on the membrane. The response of the cell to this insult depends among others on the presence of particular proteins (ADAM10 and a P2X receptors). I will give an overview on what is known up to now about the role of these two proteins in inducing cell lysis.



Monday, January 30th at 10.15
Seminar room (Room 127 building 1131)