

Graduate Schools
Infection Immunity and Cancer, UniGe & UniL: CUS
Biology & Medicine, CMU

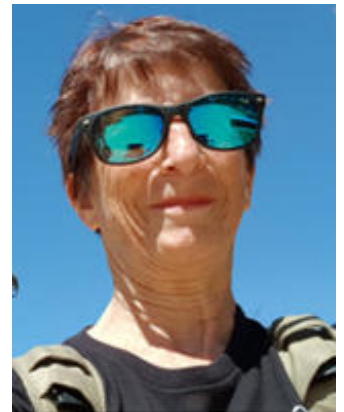
Seminar in Microbiology

Monday, October 14, 2019

Salle de séminaire, E07.3347.a, CMU

11:30 – 12:30

Alexandra Gruss
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Remodelling *Staphylococcus aureus* membranes with host fatty acids and consequences on antibiotic adaptation

References:

- Boudjema et al., 2018. Impact of Bacterial Membrane Fatty Acid Composition on the Failure of Daptomycin To Kill *Staphylococcus aureus*. *Antimicrob Agents Chemother*. 2018 Jun 26;62(7). pii: e00023-18.
- Morvan et al., 2017. The *Staphylococcus aureus* FASII bypass escape route from FASII inhibitors. *Biochimie*. 2017 Oct;141:40-46.
- Gloux et al., 2017. Clinical Relevance of Type II Fatty Acid Synthesis Bypass in *Staphylococcus aureus*. *Antimicrob Agents Chemother*. 2017 Apr 24;61(5). pii: e02515-16.
- Morvan et al., 2016. Environmental fatty acids enable emergence of infectious *Staphylococcus aureus* resistant to FASII-targeted antimicrobials. *Nat Commun*. 2016 Oct 5;7:12944.

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