

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

---

## Seminar in Microbiology

Monday, February 24, 2020

Salle de séminaire, E07.3347.a, CMU

**11:30 – 12:30**

**Rebecca Corrigan**  
Department of Molecular Biology and  
Biotechnology, University of Sheffield



## Nucleotide signalling systems: Key players in bacterial stress adaptation

Wood A, et al. 2019. The (p)ppGpp-binding GTPase Era promotes rRNA processing and cold adaptation in *Staphylococcus aureus*. *PLoS Genet.* 15, e1008346 PMID 31465450

Schuster CF, et al. 2016. The second messenger c-di-AMP inhibits the osmolyte uptake system OpuC in *Staphylococcus aureus*. *Sci Signal* 9, ra81 PMID 27531650

Corrigan RM, et al. 2016. ppGpp negatively impacts ribosome assembly affecting growth and antimicrobial tolerance in Gram-positive bacteria *Proc Natl Acad Sci U S A* 113, E1710-9 PMID 26951678

Corrigan RM, et al. 2015. Cross-talk between two nucleotide-signaling pathways in *Staphylococcus aureus*. *J Biol Chem* 290, 5826-39 PMID 25575594

Contact: P. LINDER