

## Seminar in Microbiology

Monday, 24<sup>th</sup> October, 2016

Salle de séminaire, E07.3347.a, CMU

**11:30 – 12:30**

### **Prof. Marie-Cécile Ploy**

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## Intertwined regulation of the expression of gene cassettes and integrase gene in class 1 integrons

- Strugeon E, Tilloy V, **Ploy MC**, Da Re S. 2016. The Stringent Response Promotes Antibiotic Resistance Dissemination by Regulating Integron Integrase Expression in Biofilms. *MBio*. 7(4). pii: e00868-16.
- Barraud et al., 2016. Sulphonamide resistance associated with integron derivative Tn6326 in *Actinotignum schaalii*. *J Antimicrob Chemother*. 2016 Sep;71(9):2670-1.
- Couvé-Deacon et al., Outbreak of Panton-Valentine Leukocidin-Associated Methicillin-Susceptible *Staphylococcus aureus* Infection in a Rugby Team, France, 2010-2011. *Emerg Infect Dis*. 2016 Jan;22(1):96-9.
- Barraud O, **Ploy MC**. 2015. Diversity of Class 1 Integron Gene Cassette Rearrangements Selected under Antibiotic Pressure. *J Bacteriol*. 2015 Jul;197(13):2171-8.
- Barraud O, François B, Chainier D, Vignaud J, **Ploy MC**. 2014 Value of integron detection for predicting antibiotic resistance in patients with Gram-negative septicaemia. *Int J Antimicrob Agents*. 2014 Oct;44(4):351-3.

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