

## Seminars in Microbiology

Monday, 8<sup>st</sup> June, 2015

Salle de séminaire 7172, CMU

**11:30 – 12:30**

### Francisco Ramos Morales

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## **Salmonella-host cell interactions: effectors of type III secretion systems**

#### Selected references:

- Zouhir et al. (2014). The structure of the SlrP-hTrx1 complex sheds light on the autoinhibition mechanism of the type III secretion system effectors of the NEL family. *Biochem J.*, 464:135-144.
- Cordero-Alba & Ramos-Morales (2014). Patterns of expression and translocation of the ubiquitin ligase SlrP in *Salmonella enterica* serovar Typhimurium. *J. Bacteriol.*, 196:3912-3922
- Cardenal-Muñoz et al., (2014). Global impact of *Salmonella* type III secretion effector SteA on host cells. *Biochem Biophys Res Commun.*, 449:419-424
- Cardenal-Muñoz & Ramos-Morales (2013). DsbA and MgrB regulate steA expression through the two-component system PhoQ/PhoP in *Salmonella enterica*. *J. Bacteriol.*, 195:2368-2378.
- Cordero-Alba et al. (2012). SrfJ: a *Salmonella* type III secretion system effector regulated by PhoP, RcsB and IolR. *J. Bacteriol.*, 194:4226-4236.
- Cardenal-Muñoz & Ramos-Morales (2011). Analysis of the Expression, Secretion and Translocation of the *Salmonella enterica* Type III Secretion System Effector SteA. *PLoS ONE* 6(10): e26930.
- Bernal-Bayard et al (2010). *Salmonella* type III secretion effector SlrP targets the human chaperone ERdj3. *J. Biol. Chem.*, 285:16360-16368.

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Sandwiches will be offered after the seminar