

Graduate Schools
Infection & Immunity and Biology & Medicine

Seminars in Microbiology

Monday, 12th May, 2014

Salle de séminaire 7172, CMU

11:30 – 12:30

Mark J. Buttner

Department Head, Molecular Microbiology,
The John Innes Centre, Norwich, UK



c-di-GMP Signalling in *Streptomyces* Development

Mark Buttner has made pioneering studies deciphering the role of different RNA polymerase holoenzymes and transcriptional control underlying stress adaptation, development and antibiotic production in *Streptomyces*, filamentous actinobacteria that produce over two-thirds of the clinically useful antibiotics of natural origin and that are closely related to mycobacteria.

Selected recent publications:

Bush, et al, (2013) mBio **4** e00684-13.

Hempel, et al, (2012) PNAS, **109** (35) E2371-9.

Koteva, et al, (2010), Nature Chemical Biology **6** (5) 327-329.

Contact: P. Viollier

Sandwiches will be offered after the seminar