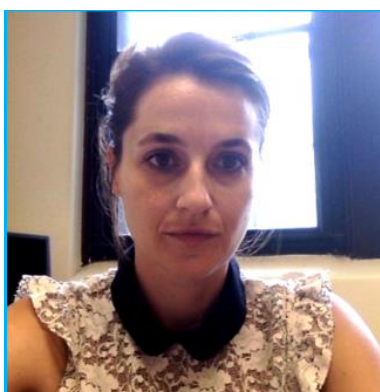


# Séminaire de l'axe Formulation et analyse du médicament

## Engineering New Biomaterials for Diagnostic and Therapeutic Uses



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à l'invitation des professeurs Davide Brambilla et  
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Wound infections have been a major challenge for medical and surgical care, and infectious complications still remain a major cause of morbidity. Antibiotic prophylaxis is profusely indicated to prevent potential infection. In addition to augment the risk of adverse effects, overuse of antibiotics has shown to be one of the greatest cause of antimicrobial resistance. Multifaceted interventions to reduce antibiotic prescribing that are currently unnecessarily treated without compromising the patients' health are required. Here Dr Merle's laboratory aims to develop innovative valid point-of-care test and free antibiotic treatments to novel infection prevention technique for extremity injuries.