



Louvain Drug Research Institute

Séminaire de pathologie infectieuse

Lundi 14 juin – 13h



Salle Couvreur (Ecole de Pharmacie)

Bâtiment Van Helmont (73)

avenue Mounier 73, 1200 Bruxelles

Plan d'accès: <http://www.uclouvain.be/sites/semiphar/plsicouv.htm>

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Nano-enabled drug delivery of the isoniazid citral-derivative JVA001 enhances Mycobacterium tuberculosis intracellular killing

Dr Tatiany Faria

- Masters degree in Pharmacy (2005), and PhD in Pharmacology (2009) at the Federal University of Santa Catarina, Brazil
- Development of nano-enabled delivery systems and evaluation of anti-tumoral, anti-inflammatory activity in vivo models.

Publications du laboratoire en rapport avec *Mycobacterium tuberculosis* and les "nanostructured carriers"

- Antonelli et al. Intranasal Poly-IC treatment exacerbates tuberculosis in mice through the pulmonary recruitment of a pathogen-permissive monocyte/macrophage population. *J Clin Invest.* 2010 May 3;120(5):1674-82. PMID: 20389020.
- Rothfuchs et al. In situ IL-12/23p40 production during mycobacterial infection is sustained by CD11b^{high} dendritic cells localized in tissue sites distinct from those harboring bacilli. *J Immunol.* 2009 Jun 1;182(11):6915-25. PMID: 19454688.
- de Faria et al. Evaluation of the pro-inflammatory potential of nanostructured drug carriers in knee-joints of rats: effect on nociception, edema, and cell migration. *J Pharm Sci.* 2009 Dec;98(12):4844-51. PubMed PMID: 19455621.
- Bafica et al. Host control of Mycobacterium tuberculosis is regulated by 5-lipoxygenase-dependent lipoxin production. *J Clin Invest.* 2005 Jun;115(6):1601-6. PMID: 15931391.

Pour renseignements complémentaires (plan d'accès, etc...) et pour connaître le programme complet des réunions, consultez les sites <http://www.md.ucl.ac.be/semiphar> (Séminaires du Louvain Drug Research Institute [LDRI]) ou <http://www.seminfect.be> (Séminaire de pathologie infectieuse)



Le *Séminaire de pathologie infectieuse* est reconnu comme Enseignement de Formation continue par l'UCL (formation donnant lieu à l'obtention d'un certificat). Renseignements et inscriptions: <http://www.seminfect.be/formation-continue.htm>