entitled:

Hit-Optimization of intramacrophage active compounds against *Mycobacterium tuberculosis*

Dr. Abraham López is a UBC post doctoral fellow at the GSK-DDW Tres Cantos Open Lab Foundation. Abraham led the hit profiling and optimization of a set of active intracellular compounds against intracellular *Mycobacterium tuberculosis*. The talk will provide an educational overview of the accomplishments and setbacks during the hit optimization campaign and will focus in the full profiling and of a novel prodrug against Mtb. Abraham will describe medicinal chemistry efforts covering the identification of key chemical modifications required for improving potency and mitigating series liabilities as well as the research carried out to elucidate the compound mechanism of action.

Sponsored by:

*The Department of Microbiology and Immunology*

Hosted by: Dr. Yossef Av-Gay

Tuesday May 22, 2018

12:30pm to 1:30pm, LSC 3