

BIOENGINEERING & BIOMEDICAL ENGINEERING RESEARCH SEMINAR



METABOLIC REGULATION OF IMMUNITY: IMPLICATION IN HIV DISEASE PROGRESSION AND VIRAL PERSISTENCE

Mohammad-Ali Jenabian DVM, Ph.D. - UQAM

Despite the success of the antiretroviral therapy, HIV infection remains incurable. During this seminar host immunosuppressive and metabolic mechanisms involved in HIV disease progression and viral persistence will be discussed.

Mohammad-Ali Jenabian is a tenure-track Assistant Professor in Immunology and Virology at the Department of Biological Sciences of UQAM and the BioMed research center since 2014. He is the holder of the Canada Research Chair in Immuno-Virology and recipient of both CIHR New Investigator award and FRQ-S Junior 1 career award. Dr Jenabian has a multi-disciplinary academic background: First, he earned his D.V.M. degree in "Veterinary Medicine" in 2003 at the Karaj University, Iran. He then began Ph.D. studies in "Virology" at the Pierre and Marie Curie University in Paris. During his first postdoctoral training he furthered his expertise in "HIV fundamental Immunology" at INSERM U955 in Paris. He also performed a second postdoctoral fellow at McGill University Health Centre in "HIV clinical Immunology". He has expertise in mucosal immunity and HIV immunology and his research on the role of regulatory T cells on immune regulation during HIV/SIV infections is funded by two 5-year CIHR grants, FRQ-S, CFI, etc. He has already published more than 50 scientific articles and due to his translational research skills, he is one of the rare PhD principal investigators of the CIHR Canadian HIV Trials Network (CTN) among several MD members.

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