



SEMINAR

Epstein-Barr virus and multiple sclerosis: evidence, mechanisms and implications

Epstein-Barr virus (EBV) is one of the most common human viruses in the world, and it can cause infectious mononucleosis and other diseases. However, most people will get infected with EBV in their lifetime and not have any symptoms.

There has recently been increasing evidence suggesting that EBV infection is a causative factor of **multiple sclerosis** (MS), a chronic inflammatory demyelinating disease of the central nervous system of unknown etiology. Through American cohort studies, it was observed that the risk of MS increased 32-fold after EBV infection while did not increase after infection with other similar viruses.

Starting from here, we will try to understand **how EBV infection can initiate MS pathology**, moving from risk to causative factor.

Speaker

PROF. ALBERTO ASCHERIO
Professor of Epidemiology and Nutrition
at the Harvard T.H. Chan School of Public Health,
Boston

Introduction

PROF. ROBERTO CANTELLO, DR. FABIOLA DE MARCHI
Department of Translational Medicine, UNIUPO

Moderators

PROF. CRISTOFORO COMI, PROF. LETIZIA MAZZINI
Department of Translational Medicine, UNIUPO

9th february 2023

h.14:30

Palazzo Bellini

aula magna

Via Solaroli 17 NOVARA