Viral Replication and Progression of Cancer

AIMS & SCOPE

It has been widely established that several virus infections are strictly correlated to cancerogenesis and may induce, through their reactivation, severe damages during chemotherapy treatments. For example, the direct role that Hepatitis B virus (HBV), plays in the development of liver cancer is well known. Nevertheless, in other cases, as Hepatitis C virus (HCV) or Hepatitis Delta Virus (HDV) the direct role of viral replication in cancer progression is still controversial, especially in some areas, like Italy, where these infections are endemic.

The aim of this project is to update the epidemiological status of the incidence of HCC in Europe and HCV and HDV infection, with special attention to the changes during the time of route of transmission, and also investigate the interaction between viral reactivations and tumors.

1. HCV AND HEPATOCELLULAR CARCINOMA: PATHOGENETIC MECHANISMS AND IMPACT OF DAA’S

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2. EPIDEMIOLOGY OF HEPATITIS B VIRUS (HBV) AND HEPATITIS C VIRUS (HCV) RELATED HEPATOCELLULAR CARCINOMA

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3. DETERMINING THE ACTUAL PREVALENCE OF HEPATITIS B IN KHYBER PAKHTUNKHWA-PAKISTAN: A META-ANALYSIS

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