

## **CGA/16/31 – The clinical consequences of inherited chromosomally-integrated human herpesvirus 6**

Most adults are infected by human herpesvirus 6B (HHV-6B) or human herpesvirus 6A (HHV-6A). Unusually, these viruses can insert their DNA into host chromosomes. In a minority of individuals, the virus is carried in the DNA of every cell of the body and passed on to subsequent generations – this is called inherited chromosomally-integrated HHV-6 (iciHHV-6). We recently determined that 2.7% of Scottish people carry iciHHV-6 and confirmed an association with angina. iciHHV-6 may have other clinical consequences and a large study is required to investigate other associations and determine whether testing for iciHHV-6 would be beneficial in some circumstances.