



Vacancy for a PhD student position

Subject: Orphan Viruses

Host Institute: AMC, University of Amsterdam, The Netherlands

The AMC is one of the foremost research institutions in the Netherlands, as well as one of its largest hospitals. It is a hospital in which patient care, research and education are integrated. It is full of possibilities for talented individuals that are looking for a place where they can excel.

Project description: There are several viruses infecting humans that are known as orphan viruses. Orphan viruses are those viruses that infect a host, yet are not known to be associated with disease. A swarm of these orphan viruses is found within the Anelloviridae family, more specific the torquetenoviruses (TTVs), and the TTV-like viruses: torquetenominiviruses (TTMVs), and torquetenomdiviruses (TTMDVs). Furthermore, adeno-associated virus, human herpesvirus 7, hepatitis G virus and human pegivirus (also known as GB virus C) are other examples of orphan viruses that can be found in the circulation of humans. In the PhD project the aim is to elucidate whether a “healthy virome”, consisting of orphan viruses, exists. Techniques: Next Generation Sequencing, Virus Culture, Virus Host interactions.

The position is available for a highly motivated and enthusiastic researcher with a flexible, pro-active team spirit and a recent MSc degree in the field of biochemistry, molecular biology, virology or life sciences. Experience in virus culture is an advantage. The PhD student will join the Virus Discovery Unit of the Laboratory of Experimental Virology. This group is comprised of three PhD students, two technicians and one PI (Lia van der Hoek).

Further Information: Lia van der Hoek: c.m.vanderhoek@amc.uva.nl

Anticipated deadline for application: 1st September 2017