Job description

Postdoctoral/research scientist position studying hepatitis virus entry and exit

An NIH-funded postdoctoral position is immediately available at the Ohio State University/Nationwide Children’s Hospital to study the spread mechanism for hepatitis viruses. Our previous studies have shown that hepatitis A virus and hepatitis E virus hijack host membranes during their exit from infected cells, and these ‘quasi-enveloped’ virions mediate spread in the body using a novel entry mechanism (Nature, 2013; Ann Rev Virol, 2014; J Clin Invest, 2015; J Virol, 2016; PNAS, 2018). Projects will focus on understanding how the quasi-envelopment affects virus spread and antibody-mediated neutralization. Opportunities also exist to study the spread mechanisms for other hepatotropic viruses such as hepatitis B and D viruses.

Responsibilities: The candidate is expected to be highly motivated, have excellent technical and communication skills, perform self-directed research, and assist the PI in preparing manuscripts and grant applications.

Minimum requirements: Candidates must have a PhD or equivalent with strong research experience in molecular biology and cell biology. Salary will be competitive, commensurate with experience. Interested applicants should submit a CV, a brief description of their research achievements and interests, and a list of three references to Dr. Zongdi Feng (Zongdi.Feng@nationwidechildrens.org).