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Viral Host Interactions of Positive Strand RNA Viruses

Position

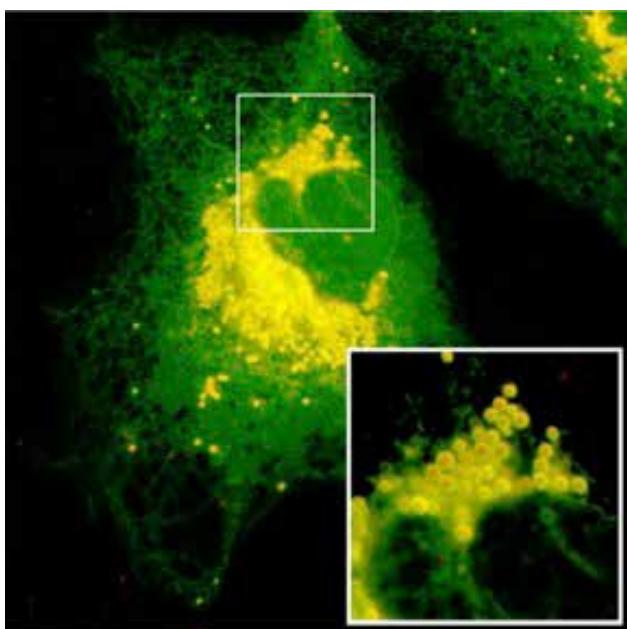
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Research

Our long-term goal is identification and characterization of the interactions of viruses with their host cells. Our current model systems include Hepatitis C virus (HCV) and Dengue virus.

Current projects in the lab include:

1. Development of systems for the identification and characterization of new interactions between viral and host cell proteins.
2. Using live cell imaging techniques to study HCV assembly.
3. Characterization of the membrane association mechanisms of Dengue virus non-structural proteins.



A live hepatoma cell (Huh7) expressing the viral non-structural protein 5A that localizes to the endoplasmic reticulum and lipid droplets.

Publications

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Grants

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