

英語講演会のお知らせ

日時：2月12日(火) 10:30-12:00

場所：化学第一講義室（理学部1号館415室）

講演者：Dr Catherine Schuster*



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演題：Hepatitis C virus-host interactions:
*Role of apolipoprotein E and TIP47 in the
Hepatitis C virus life cycle*

要旨：Chronic viral infections caused by hepatitis C virus (HCV) are responsible for serious public health problems. Chronic HCV infection is a common cause of liver disease leading to liver cirrhosis, liver failure and hepatocellular carcinoma. Although drug therapy for HCV is associated with significantly improved clinical outcomes among infected patients, the development of effective vaccines and novel treatment options for infected patients with resistance to current therapy remain major challenges. HCV is a positive strand RNA virus which replicates continuously in the cytoplasm of infected human hepatocytes. Its life cycle is intimately linked to the lipid metabolism of the host cell. Understanding the molecular mechanisms triggering hepatitis C infection at the level of the interactions between the virus and host factors involved in lipid homeostasis is of great interest in order to propose new therapeutic avenues for HCV difficult to treat patients. We extensively studied the role apolipoprotein E and TIP47 in the HCV life cycle. The data will be presented.

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