

14th Summer Academy “Infection and Immunity”
Lecture 11 on Monday, 25 August, 2025

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“Principles of Hepatitis E virus replication, resistance, and chronic persistence”

Publications for seminar preparation:

Todt D, Gisa A, Radonic A, Nitsche A, Behrendt P, Suneetha PV, et al.

[In vivo evidence for ribavirin-induced mutagenesis of the hepatitis E virus genome.](#)

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Gömer A, Klöhn M, Jagst M, Nocke M, Pischke S, Horvatits T, et al.

[Emergence of resistance-associated variants during sofosbuvir treatment in chronically infected hepatitis E patients.](#)

Hepatology 2023. <https://doi.org/10.1097/hep.0000000000000514>.

Wißing MH, Meister TL, Nocke MK, Gömer A, Masovic M, Knegendorf L, et al.

[Genetic determinants of host- and virus-derived insertions for hepatitis E virus replication.](#)

Nat Commun. 2024. <https://doi.org/10.1038/s41467-024-49219-8>.

Brüggemann Y, Klöhn M, Wedemeyer H, Steinmann E.

[Hepatitis E virus: from innate sensing to adaptive immune responses.](#)

Nature Reviews Gastroenterology & Hepatology 2024. <https://doi.org/10.1038/s41575-024-00950-z>.

Lauring AS.

[Within-Host Viral Diversity: A Window into Viral Evolution.](#)

Annu Rev Virol 2020. <https://doi.org/10.1146/annurev-virology-010320-061642>.