

**13<sup>th</sup> Summer Academy “Infection and Immunity”**  
**Lecture 3 on Tuesday, 20 August, 2024**

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

**Publications for seminar preparation:**

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>.

Todt D, Friesland M, Moeller N, Praditya D, Kinast V, Brüggemann Y, et al.  
[Robust hepatitis E virus infection and transcriptional response in human hepatocytes.](#)  
Proceedings of the National Academy of Sciences 2020;117:1731–41. <https://doi.org/10.1073/pnas.1912307117>.

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;7:63–81. <https://doi.org/10.1146/annurev-virology-010320-061642>.