“Response prediction in modified treatment of chronic hepatitis B”

1. Ideally, HBV replication activity would be measured by a single, non-invasive test, which not only reflects the current replication activity but also the degree of immune control indicating absence of future replication activity. This thesis.

2. The best candidates for PEG-IFN add-on therapy are naïve to PEG-IFN therapy and have low HBV DNA and HBsAg levels at the start of PEG-IFN therapy. This thesis.

3. The close agreement of HBcrAg and quantitative HBeAg measurements in HBeAg-positive chronic hepatitis illustrates that HBeAg comprises a considerable fraction of HBcrAg. This thesis.

4. Interpretation of serum HBV RNA levels must include consideration of HBeAg status, serum ALT, HBV genotype, and presence of BCP variants. This thesis.

5. HBV RNA level is a sensitive predictor for PEG-IFN induced HBeAg loss and possibly also for HBsAg loss. This thesis.

6. The main goal of therapy for patients with chronic HBV infection is to improve survival and quality of life by preventing disease progression. EASL 2017 Clinical Practice Guidelines on the management of hepatitis B virus infection.

7. Of all candidate approaches, elimination of HBV cccDNA is most likely to produce a durable cure of chronic HBV infection. Alter et al. Hepatology 2017

8. Prevention is effective, but needs to reach the unreached. WHO 2016

9. The mean time taken to open a box of chocolates from first appearance on a hospital ward is 12 minutes. Gajendragadkar et al. BMJ 2013

10. Buying time promotes happiness. Whillens et al. PNAS 2017

11. Without music, life would be a mistake. (“Das Leben ohne Musik ist einfach ein Irrtum”, Friedrich Nietzsche, 1888).