

PROPOSITIONS

TO THIS THESIS

Eliminating Hepatitis D and E: From Epidemiology to Antiviral Therapy

By Zhijiang Miao

1. HDV molecular classification requires standardization and a reference genome. (this thesis)
2. HDV poses a heavy global burden with rapid progression to cirrhosis and liver cancer, and it should be a significant consideration when discussing mondial elimination of HBV-related hepatitis. (this thesis)
3. Quantifying the global burden of HDV accurately is inevitably challenged by many factors, and inadequate data outcome prediction may cause estimation bias. (this thesis)
4. Superinfection by HDV in HBV carriers is not markedly affected by HBV vaccines restricting the overall impact of HBV vaccination. (this thesis)
5. The macrolide antibiotic azithromycin has great potential to be repurposed for treating HEV infection in young children and pregnant women. (this thesis)
6. Chronic hepatitis is a major public health challenge that can be eliminated. (David L. Thomas, New England Journal of Medicine 2019)
7. There is simply no justification for chronic diseases to continue to take millions of lives prematurely each year when the understanding of how to prevent these deaths is available now. (JoAnne Epping-Jordan)
8. Without action, almost 400 million people will die from chronic diseases in the next 10 years. Many of these deaths will occur prematurely, affecting families, communities and countries alike. (Catherine Le Galès-Camus)
9. Low-cost, simple approaches are the key to saving lives. (Robert Beaglehole)
10. Diseases can rarely be eliminated through early diagnosis or good treatment, but prevention can eliminate disease. (Denis Parsons Burkitt)
11. Be safe, be smart, be kind. (Tedros Adhanom Ghebreyesus)