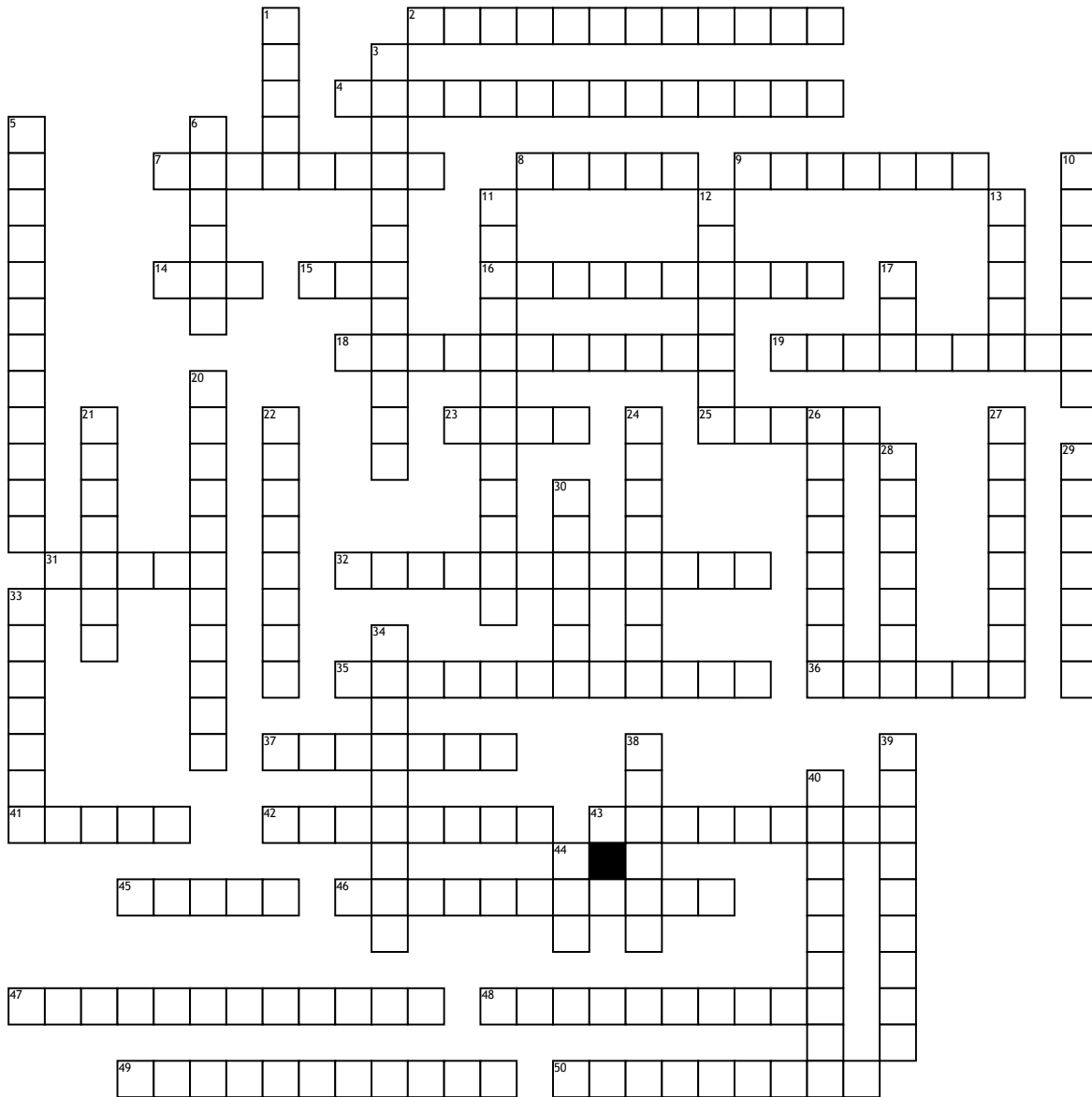


# Hepatitis C Virus



- Across**
2. There is a greater affinity for hepatocytes in the liver than other cells<sup>2</sup>
  4. carcinoma is the most common type of primary liver cancer<sup>5</sup>
  7. Yellow skin<sup>1</sup>
  8. HCV is spread when someone contact \_\_\_\_\_ from an infected person<sup>1</sup>
  9. Muscle pain<sup>6</sup>
  14. Coinfection with \_\_\_\_\_ (abbrev.) and HCV is common because they share a common route of infection<sup>6</sup>
  15. HCV is a positive sense, \_\_\_\_\_ virus<sup>2</sup>
  16. Direct acting \_\_\_\_\_ are drugs that can be used to treat hepatitis C<sup>4</sup>
  18. The function of IFN-  $\beta$  is to inhibit viral \_\_\_\_\_ within the affected cells<sup>2</sup>
  19. A late stage of scarring of the liver caused by chronic hepatitis C<sup>1</sup>
  23. Health care workers, injection drug users, and HIV-positive individuals are all considered at high \_\_\_\_\_ for HCV<sup>2</sup>
  25. There is no vaccine for HCV, but it can be treated and \_\_\_\_\_<sup>2</sup>
  31. An organ that is mostly affected by hepatitis C<sup>1</sup>
  32. Liver fibrosis is a consequence of chronic hepatic<sup>2</sup> \_\_\_\_\_
  35. The most common cause of portal \_\_\_\_\_ is cirrhosis of the liver<sup>6</sup>
  36. HCV is a \_\_\_\_\_ stranded virus<sup>1</sup>
  37. Consumption can exacerbate the pathogenesis of HCV infection<sup>7</sup>
  41. Sofosbuvir can be used to treat HCV, but cannot be used to treat \_\_\_\_\_<sup>6</sup> disease
  42. The HCV \_\_\_\_\_ test helps to screen for HCV<sup>2</sup>
  43. Diagnostic test helps to detect active HCV<sup>4</sup> \_\_\_\_\_
  45. HCV can be \_\_\_\_\_ and chronic hepatitis<sup>4</sup>
  46. A liver cell, the most frequent site for HCV replication<sup>2</sup>
  47. Acute infections are generally \_\_\_\_\_ or non-specific symptoms<sup>1</sup>
  48. A medication that is used to treat HCV, and it is NS5B polymerase inhibitor<sup>6</sup>
  49. A protein that inhibits viral replication as a response to HCV infection<sup>2</sup>
  50. \_\_\_\_\_ is recommended for all patients with HCV<sup>6</sup>
  - Down**
  1. There are \_\_\_\_\_ known genotypes<sup>2</sup>
  3. A route of HCV transmission that include blood transfusions and injection drug use<sup>2</sup>
  5. Chronic hemodialysis and blood transfusions are common routes for percutaneous<sup>2</sup>
  6. The viral genomic RNA and the \_\_\_\_\_ protein form the nucleocapsid<sup>4</sup>
  10. HCV infection can cause liver \_\_\_\_\_. Examples include fibrosis, cirrhosis and HCC<sup>7</sup>
  11. The HCV belongs to the \_\_\_\_\_ family<sup>2</sup>
  12. \_\_\_\_\_ infection is when HCV infection last more than 6 months<sup>2</sup>
  13. People who inject \_\_\_\_\_ are at high risk of HCV infection<sup>3</sup>
  17. The absence of a detectable virus after 12 weeks of therapy (abbrev.)<sup>2</sup>
  20. Blood samples from \_\_\_\_\_ or venepuncture can be used for HCV testing<sup>3</sup>
  21. This is not available for preventing HCV, but it is available to help prevent HAV and HBV infection<sup>2</sup>
  22. A consequence of chronic hepatic inflammation that can lead to cirrhosis<sup>2</sup>
  24. Fatigue, myalgia, dark urine, or jaundice<sup>6</sup>
  26. Small extracellular vesicles that originate from MVE and release to the plasma membrane<sup>7</sup>
  27. \_\_\_\_\_ HCV antibody testing means current HCV infection<sup>2</sup>
  28. \_\_\_\_\_ resistance was reported in patients infected with genotype 1 and 4<sup>4</sup>
  29. A reactive antibody for HCV testing cannot distinguish between \_\_\_\_\_ and past infection<sup>6</sup>
  30. Different \_\_\_\_\_ cells, such as macrophages, NK cells, and dendritic cells are recruited to the liver in response to HCV<sup>7</sup>
  33. Cells that are liver residential macrophages<sup>7</sup>
  34. When the HCV infection is present, IFN-  $\beta$  promote the production of chemokines and \_\_\_\_\_ that activate the adaptive immune system<sup>2</sup>
  38. The \_\_\_\_\_ immune system is activated in respond to acute HCV infection<sup>1</sup>
  39. There are seven \_\_\_\_\_, and type 1 is the most prevalent globally<sup>5</sup>
  40. Sofosbuvir and \_\_\_\_\_ are the treatment for genotype 2 infection<sup>1</sup>
  44. One of the leading causes in liver cancer (abbrev.)<sup>1</sup>