

HBRN ancillary studies – data generated from sample requested from NIDDK Biorepository

| Ancillary | Dataset(s) | HBRN studies included | Full name | Repository originating request # | Publications |
|---------------------------|--|---|--|----------------------------------|---|
| HEV | hev.sas7bdat | Adult cohort | Prevalence and Impact of HEV Infection in the HBRN Cohort | 21467 | McGivern DR, Lin HS, Wang J, Benzine T, Janssen HLA, Khalili M, Lisker-Melman M, Fontana RJ, Belle S, Fried MW. Prevalence and Impact of Hepatitis E Virus Infection Among Persons with Chronic Hepatitis B Living in the US and Canada . Open Forum Infect. Dis. 2019 Apr 9;6(5):ofz175. doi: 10.1093/ofid/ofz175. PMID: PMC6527087. |
| Bioactive lipids | a. oxylipin_result.sas7bdat b. 4745_results_092817.xlsx c. 4745 FIA QC p400 Data.xlsx d. 4745 UPLC p400 Data.xlsx | Adult cohort Adult IT | Targeted profiling of bioactive lipids in Immune tolerant CHB infection | 21544 | |
| Arginase | Arginase. sas7bdat | Adult cohort | Serum Levels of Arginase-1 in Acute Liver Failure | 11104 | |
| Concurrent HBsAg/anti-HBs | concur_hbsag.sas7bdat <i>note: the results in this file were specific for the ancillary study. In addition, these were incorporated into the supplemental test results in the central lab results (hbrn_supp_results)</i> | Adult cohort Pediatric cohort | Chronic Hepatitis B Patients with Concurrent HBsAg and Anti-HBs | 21468 | Lee WM, King WC, Schwarz KB, Rule J, and Lok ASF for the Hepatitis B Research Network (HBRN). Prevalence and Clinical Features of Patients with Concurrent HBsAg and Anti-HBs: Evaluation of the Hepatitis B Research Network Cohort . J Viral Hepat 2020 Sept; 27(9):922-931. doi: 10.1111/jvh.13312. PMID: 32364641. |
| Macrophage | macrophage_sCD163.sas7bdat | Adult cohort Adult IA HIV ancillary | Activated Hepatic Macrophage Markers in the Context of HIV and Liver Disease | 21489 | |
| MiRNA | mirna.sas7bdat | Adult cohort | The role of microRNAs in the hepatitis B lifecycle | 20995 | |

| Ancillary | Dataset(s) | HBRN studies included | Full name | Repository originating request # | Publications |
|---------------------------------------|---|--|--|----------------------------------|---|
| Novel mutations | novel_mutat_idkey.sas7bdat <u>sequence data:</u> txt file: HBV_replication_WGs.txt fas file: HBV_replication_WGs.fas | Adult cohort | Investigation of Novel Mutations Affecting HBV Replication | 21555 | |
| Pediatric Immunology | peds_immunology.sas7bdat | Adult cohort Pediatric cohort | A pilot study of immunological profiling before and after spontaneous HBeAg sero-conversion in children with hepatitis B | 21993 | Valiente AJ, Liem KS, Schwarz KB, Rosenthal P, Murray KF, Mogul D, Teckman J, Rodriguez-Baez N, Schwarzenberg SJ, Feld JJ, Wong DK, Lewis-Ximenez LL, Lauer G, Hansen BE, Ling SC, Janssen HLA, Gehring AJ. The Inflammatory Cytokine Profile Associated with Liver Damage is Broader and Stronger in Patients with Chronic Hepatitis B Compared to Patients with Acute Hepatitis B . J Infect Dis.. 2022 Feb 1; 225(3):470-475. doi: 10.1093/infdis/jiab373. PMID: 34286845. |
| ALT flares IT trials | a. il28b_results.sas7bdat b. cytokine_results.sas7bdat c. ifn_antibody.sas7bdat d. ifn_fold_change.sas7bdat | Adult IT Pediatric IT | Characterization of ALT flares during treatment in the IT HBRN trial | 22748 | Perrillo RP, Lin HS, Schwarz KB, Rosenthal P, Lisker-Melman M, Chung RT, Prokunina-Olsson L, Coherty G, and Feld J for the Hepatitis B Research Network (HBRN). Changes in Serum Hepatitis B Surface and e Antigen, IP-10, and Aminotransferase Levels During Combination Therapy of Immune Tolerant Chronic Hepatitis B . Hepatology 2022 Sept; 76(3):775-787. doi: 10.1002/hep.32400. PMID: 35188674. |
| Immune Active neutralizing antibodies | ia_anti_ifn.sas7bdat | Adult IA | Characterizing neutralizing anti-IFN α antibodies as an explanation for non-response to IFN therapy in the IT & IA HBRN trials. | 23564 | |
| HDV | HDV_qmac_results.sas7bdat | Adult cohort Pediatric cohort Adult IA | The Prevalence and Clinical Outcomes of Hepatitis D | 20481 | |

HBRN ancillary studies – additional data, no use of samples

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|----------------------------|-------------------------------------|--|--|---------------------|
| Liver biopsy complications | biopsy_complication_review.sas7bdat | Adult cohort Adult IA Pediatric cohort Pediatric IT | Complications of Liver Biopsy in the HBRN (Liver Biopsy Study) | |