

## 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. <a href="#">Prevalence and Impact of Hepatitis E Virus Infection Among Persons with Chronic Hepatitis B Living in the US and Canada</a> . 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). <a href="#">Prevalence and Clinical Features of Patients with Concurrent HBsAg and Anti-HBs: Evaluation of the Hepatitis B Research Network Cohort</a> . 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. <a href="#">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</a> . 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). <a href="#">Changes in Serum Hepatitis B Surface and e Antigen, IP-10, and Aminotransferase Levels During Combination Therapy of Immune Tolerant Chronic Hepatitis B</a> . 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 $\alpha$ 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)	