

APPENDIX A: ACTION PLAN PARTICIPANTS

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* Special appreciation is extended to Dr. Jay H. Hoofnagle for contributing his extensive scientific expertise and leadership to the Liver Disease Subcommittee, Digestive Diseases Interagency Coordinating Committee, during its development of this Action Plan.

Dr. Megan Miller is also acknowledged for her dedicated efforts in compiling the input from many stakeholders into the production of the final document.

The NIDDK was assisted by the following contractor support:
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APPENDIX B: REFERENCES FOR EPIDEMIOLOGIC DATA

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APPENDIX C:

ACRONYMS

A2ALL	Adult-to-Adult Living Donor Liver Transplantation Cohort Study
ABC	ATP binding cassette
ACTG	AIDS Clinical Trials Group
AD-PKD	autosomal dominant polycystic kidney disease
AD-PLD	autosomal dominant polycystic liver disease
AHRQ	Agency for Healthcare Research and Quality
AIH	autoimmune hepatitis
AIP	acute intermittent porphyria
ALFSG	Acute Liver Failure Study Group
ALT	alanine aminotransferase
AMA	anti-mitochondrial antibody
AP-1	activator protein-1
AR-PKD	autosomal recessive polycystic kidney disease
ART	antiretroviral therapy
AST	aspartate aminotransferase
ATP	adenosine triphosphate
BARC	Biliary Atresia Research Consortium
BCRP	breast cancer resistance protein
BMI	body mass index
BRIC	benign recurrent intrahepatic cholestasis
BSEP	bile salt export pump
Ca²⁺	calcium
cAMP	cyclic adenosine monophosphate
CAR	constitutive androstane receptor
cccDNA	covalently closed circular DNA
CDC	Centers for Disease Control and Prevention
C/EBP-beta	CCAAT/enhancer binding protein beta
CF	cystic fibrosis
CFTR	cystic fibrosis transmembrane regulator
CHF	congenital hepatic fibrosis
CSR	Center for Scientific Review
CT	computed tomography
CTX	cerebrotendinous xanthomatosis
CYP	cytochrome P450

DAG	diacylglycerol
DDDN	Division of Digestive Diseases and Nutrition
DDICC	Digestive Diseases Interagency Coordinating Committee
DILIN	Drug-Induced Liver Injury Network
DNA	deoxyribonucleic acid
ECM	extracellular matrix
EPP	erythropoietic protoporphyria
ER	endoplasmic reticulum
ERCP	endoscopic retrograde cholangiopancreatography
ESLD	end-stage liver disease
FDA	U.S. Food and Drug Administration
FIC	Fogarty International Center
Foxm1B	Forkhead Box m1b
FXR	farnesoid X receptor
FY	fiscal year
GSH	glutathione
HAV	hepatitis A virus
HALT-C	Hepatitis C Antiviral Long-term Treatment against Cirrhosis trial
HB-EGF	heparin-binding EGF-like growth factor
HBSAg	hepatitis B surface antigen
HBV	hepatitis B virus
HCC	hepatocellular carcinoma
HCF	host cell factor
HCIG	hepatitis C immune globulin
HCP	hereditary coproporphyria
HCV	hepatitis C virus
HDV	hepatitis D virus
HE	hepatic encephalopathy
HEV	hepatitis E virus
HGF	hepatocyte growth factor
HIV	human immunodeficiency virus
HLA	human leukocyte antigen
HNF	hepatocyte nuclear factor
HUPO	Human Proteome Organization
HVPG	hepatic venous pressure gradient
LABS	Longitudinal Assessment of Bariatric Surgery Consortium
LDRB	Liver Disease Research Branch
LRH1	liver receptor homologue-1
LXR	liver X receptor
MDR	multi-drug resistance
MELD	Model for End-stage Liver Disease
MRCP	magnetic resonance cholangiopancreatography
MRI	magnetic resonance imaging

NASH	nonalcoholic steatohepatitis
NCCAM	National Center for Complementary and Alternative Medicine
NCI	National Cancer Institute
NCMHD	National Center on Minority Health and Health Disparities
NCRR	National Center for Research Resources
NF-kappaB	nuclear factor-kappa B
NHANES	National Health and Nutrition Examination Survey
NHLBI	National Heart, Lung, and Blood Institute
NHGRI	National Human Genome Research Institute
NIA	National Institute on Aging
NIAAA	National Institute on Alcohol Abuse and Alcoholism
NIAID	National Institute of Allergy and Infectious Diseases
NIBIB	National Institute of Biomedical Imaging and Bioengineering
NICHD	National Institute of Child Health and Human Development
NIDA	National Institute on Drug Abuse
NIDCR	National Institute of Dental and Craniofacial Research
NIDDK	National Institute of Diabetes and Digestive and Kidney Diseases
NIEHS	National Institute of Environmental Health Sciences
NIGMS	National Institute of General Medical Sciences
NIH	National Institutes of Health
NIMH	National Institute of Mental Health
NINDS	National Institute of Neurological Disorders and Stroke
NINR	National Institute of Nursing Research
NK	natural killer
NLM	National Library of Medicine
NO	nitric oxide
NTCP	Na ⁺ /taurocholate co-transporting polypeptide
OAR	Office of AIDS Research
OATP	organic anion transporter
OCT	organic cation transporter
OD	Office of the Director
ODS	Office of Dietary Supplements
ORD	Office of Rare Diseases
ORWH	Office of Research on Women's Health
PBC	primary biliary cirrhosis
PCT	porphyria cutanea tarda
Peds-C	Peginterferon and Ribavirin for Pediatric Patients with Chronic Hepatitis C
PELD	Model for Pediatric End-stage Liver Disease
PET	positron-emission tomography
PFIC	progressive familial intrahepatic cholestasis
PGC1-alpha	PPAR gamma coactivator 1-alpha
PIP	phosphatidylinositol phosphate
PSC	primary sclerosing cholangitis

PTLD	post-transplant lymphoproliferative disease
PXR	pregnane X receptor
RAR	retinoic acid receptor
ROS	reactive oxygen species
RNA	ribonucleic acid
RXR	retinoic X receptor
SAMe	S-adenosyl methionine
SHP	small heterodimer partner
siRNA	small interfering ribonucleic acid
SPLIT	Studies of Pediatric Liver Transplantation
SR-B1	scavenger receptor class B type I
SRTR	Scientific Registry of Transplant Recipients
STAT	signal transducer and activator of transcription
SXR	steroid and xenobiotic receptor
TGF	transforming growth factor
TIPS	transjugular intrahepatic portosystemic shunt
TNF	tumor necrosis factor
TPN	total parenteral nutrition
UGT	UDP-glucouronysyl transferase
US	ultrasound
VA	U.S. Department of Veterans Affairs
VDR	vitamin D receptor
Virahep-C	Viral Resistance to Antiviral Therapy of Chronic Hepatitis C trial
VP	variegate porphyria
WHVP	wedged hepatic venous pressure