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LIST OF ABBREVIATION

AASLD	: American association for the study of liver diseases
AFB1	: Aflatoxin B1
AFP	: Alpha-feto protein
AFP-L3	: Lens culinaris agglutinin-reactive fraction of AFP
AFU	: Alpha-L-fucosidase
ALT	: Alanine amino transferase
ALP	: Alkaline phosphatase
APOJ	: Apolipoprotein J
AST	: Aspartate amino transferase
ASO	: Antisense oligonucleotides
AUC	: Area under curve
BCLC	: Barcelona clinic liver cancer
BMI	: Body mass index
CC	: Cholangiocarcinoma
CLU	: Clusterin
CT	: Computed tomography
EASL	: European association for the study of the liver
EDTA	: Ethelenediamine tetra-acetic acid
ELISA	: Enzyme-linked immunosorbent assay
ER	: Endoplasmic reticulum
GGT	: Gamma Glutamyl Transferase
GIT	: Gastrointestinal tract
Hb	: Hemoglobin
HBV	: Hepatitis B virus
HB_sAg	: Hepatitis B surface antigen
HCC	: Hepatocellular carcinoma
HCV	: Hepatitis C virus
HGF	: Hepatocyte growth factor
IFN	: Interferon
IGF-1	: Insulin-like growth factor
LN	: Lymph node
MRI	: Magnetic resonance imaging
NAFLD	: Non-alcoholic fatty liver disease
NASH	: Non-alcoholic steatohepatitis
ⁿCLU	: Nuclear clusterin
NPV	: Negative predictive value
NSCLC	: Non-small-cell lung cancer
PCT	: Porphyria cutanea tarda
PEI	: Percutaneous ethanol injection
PIVKA II	: Prothrombin induced by vitamin K absence II

PI3K	: Phosphatidylinositol 3- kinase
PKB	: Protein kinase B
pnCLU	: Non-glycosylated protein precursor of clusterin
PPV	: Positive predictive value
psCLU	: Presecretory clusterin
PS	: Performance status
PT	: Prothrombin time
RFA	: Radiofrequency ablation
ROC	: Receiver operating characteristics
sCLU	: Secretory clusterin
SGP2	: Sulfated glycoprotein 2
siRNA	: Small interfering RNA
SST	: Serum separator tube
TACE	: Transarterial chemoembolization
TRPM2	: Testosterone-repressed prostate message 2
US	: Ultrasound
VEGF	: Vascular endothelial growth factor
VIP	: Vasoactive intestinal peptide
WBC_s	: White blood cells