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LIST OF ABBREVIATIONS

AA	Acute Appendicitis
Ab	Antibody.
ACE	Angiotensin-converting enzyme
ALP	Alkaline phosphatase.
ALT	Alanine transeferase.
AUC	Area Under Curve.
AST	Aspartate transferase.
B Cell	Bone marrow cell.
B-adrenergic	Beta -adrenergic
BT	Bacterial Translocation
C3	Complement 3
CARD15	Caspase recruitment domain-containing protein 15.
CBC	Complete blood count.
CGI	Chronic Gastrointestinal Ischemia
CO2	Carbon di- oxide
CRP	C-reactive protein.
CT	Computed Tomography.
Creat	Creatinine.
CTLs	Cytotoxic T lymphocytes.
DAO	Diamine oxidase.
DC	Dendritic Cells.
D-lactate	Dextro form of lactic acid.
DNA	Deoxyribonucleic acid.
ET-1	Endothelin-1
ELISA	Enzyme linked immunosorbant assay
Endo Cab	Endotoxin- core antibody
ESLD	End stage liver disease.
FABP	Fatty Acid Binding Protein.
FHVP	Free Hepatic Venous Pressure
GALT	Gut-associated lymphoid tissue
GI	Gastrointestinal
GFR	Glomerular filtration rate
CGRP	Calcitonin gene-related peptide
GGT	Gamma glutamyl transpeptidase.
GST	Glutathione S-Transferases.
Hb	Hemoglobin.
HCC	Hepatocellular carcinoma.
HCV	Hepatitis C virus.
HIV	Human immunodeficiency virus.
HLA	Human leucocytic antigen.

HRS	Hepatorenal syndrome.
HVPG	Hepatic Venous Pressure Gradient
I-BABP	Ileal-Bile Acid Binding Protein.
I-FABP	Intestinal Fatty Acid Binding Protein.
IgA	Immunoglobulin A.
IBD	Inflammatory bowel disease
IgG	Immunoglobulin G.
IgM	Immunoglobulin M.
IL	Interleukin.
INR	International normalized ratio.
IU	International unit.
KDa	Kilo Dalton.
LAL	Limulus Amoebocyte Lysate.
LDH	Lactate Dehydrogenase.
LEERS	.Leukocyte Esterase Reagent Strips.
L-FABP	Liver- Fatty Acid Binding Protein.
L-LDH	L-lactate dehydrogenase.
LPS	Lipopolysaccharide.
M-cells	Mast cells.
Max	Maximum.
MDP	Muramyl dipeptide.
MDCs	Mature dendritic cells.
MELD	Model for end-stage liver disease
Min	Minimum.
MLN	Mesenteric lymph nodes
NAFLD	Non alcoholic fatty liver disease.
NEC	Necrotizing Enterocolitis.
NK	Natural killer.
NOD2	Nucleotide-binding oligomerization domain-containing protein 2
NO	Nitric oxide.
NOS	Nitric oxide synthetase.
NPV	Negative predictive value
NSBB	Non selective B-blockers
OLT	Orthotopic Liver Transplantation
P	Pearson correlation
p CO₂	Carbon di- oxide pressure
PCR	Polymerase chain reaction.
PEG	Poly-ethylene-glycol.
PLT	Platelets.
PMN	polymorphonuclear cells
PPI	proton pump inhibitors
PPV	positive predictive value
PRRs	Pattern recognition receptors

PT	Prothrombin time.
RAAS	Renin-angiotensin-aldosterone system
RBF	Renal blood flow
RES	Reticulo endothelial system
RNA	Ribonucleic acid.
Rpm	Revolutions per minute.
ROC curves	Receiver operating characteristic curves
SBP	Spontaneous bacterial peritonitis
SD	Standard of deviation
SIBO	Small intestinal bacterial overgrowth.
SPSS	Statistical package for the social sciences.
SNS	Sympathetic nervous system.
T Cell	Thymus cells
TJ	Tight junctions
TLR	Toll-like receptor
UC	Ulcerative Colitis
UTIs	Urinary tract infections
WBC	White blood count.
WHVP	Wedged Hepatic Venous Pressure
ZO	Zonula occludin proteins