

**The validity of Triggering Receptor Expressed on
Myeloid Cells (TREM-1) in diagnosis of
Spontaneous Bacterial Peritonitis
in cirrhotic patients**

Thesis

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سبحانك لا علم لنا
إلا ما علمتنا إنك أنت
العليم العليم

صدق الله العظيم

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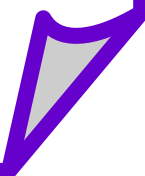
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List of Abbreviations

Abb.	Full term
aa	Amino acids
ACLF	Acute-on-chronic liver failure
ADA	Ascitic fluid deaminase activity
AF	Ascitic fluid
AFI	Ascitic fluid infection
AFLAC	Ascitic fluid lactoferrin
AIH	Autoimmune hepatitis
AKI	Acute Kidney injury
ALB	Albumin
ALT	Alanine aminotransferase
AMA	Antimitochondrial Antibody
ANA	Antinuclear antibody
AP	Alkaline Phosphatase
ASMA	Anti-smooth muscle antibody
AST	Aspartate aminotransferase
BCS	Budd Chiari syndrome
BID	Bis in die (twice a day)
BUN	Blood urea nitrogen
Ca	Calcium
CA	Community acquired

List of Abbreviations(cont)

Abb.	Full term
CA 125	Cancer Antigen 125
CA 19-9	Cancer Antigen 19-9
CCM	cirrhotic cardiomyopathy
CEA	<i>Carcino-embryonic Antigen</i>
CLD	Chronic liver disease
CNNA	culture negative neutrocytic ascites
CNNNA	culture negative non-neutrocytic ascites
COPD	Chronic obstructive pulmonary disease
Cr	Creatinine
CRP	C reactive protein
D	Day
D.bil	Direct bilirubin
DAMPs	Damage-associated molecular patterns
DAP12	DNAX activating protein of 12 kDa
DILI	Drug Induced Liver Injury
DNA	Deoxyribonucleic acid
E. coli	Escherichia coli
EDTA	Ethylene Diamine Tetraacetic Acid
ELISA	Enzyme Linked Immunosorbent Assay
ERCP	endoscopic cholangiopancreatography
ESBL	extended spectrum b-lactamase

List of Abbreviations(cont)

Abb.	Full term
ESR	Erythrocyte sedimentation rate
FVLM	Factor V Leiden mutation
G	Gram
g/d	Gram/day
g/dl	Gram/deciliter
g/kg	Gram/kilogram
g/L	Gram/liter
g/mL	Gram/milliliter
GGT	Gamma Glutamile Transferase
GNB	Gram-negative bacilli
GPC	Gram-positive cocci
h	hour
HB	Hemoglobin
HBc Ab	Hepatitis B core antibody
HBsAg	Hepatitis B surface antigen
HBV	Hepatitis B virus
HCA	Health care associated
HCC	Hepatocellular carcinoma
HCV	Hepatitis C virus
HCV Ab	Hepatitis C virus antibody
HE	Hepatic encephalopathy

List of Abbreviations(cont)

Abb.	Full term
HFE	Human hemochromatosis
HFL	Hepatic focal lesion
HMG	High motility group
HPS	Hepatopulmonary syndrome
HRS	Hepatorenal syndrome
HS	Highly significant
HVPG	hepatic venous pressure gradient
IFL	Immunofluorescence
IFN	Interferon
IgG	Immunoglobulin G
IL	Interleukin
INR	International normalized ratio
ISH	Insitu hybridization
ITAM	immunoreceptor tyrosine-based activation motifs
ITIM	immunoreceptor tyrosine-based inhibitory motifs
IU/L	International unite / liter
IV	intravenous
K	Potassium
Kg/d	Kilogram per day
L	Liter
LBP	lipopolysaccharide[LPS]-binding protein

List of Abbreviations(cont)

Abb.	Full term
LDH	Lactate dehydrogenate
LERS	Leukocyte esterase reagent strips
LKM	Liver Kidney Microsomal antibody
LP	Liver pancreas
LPS	Lipopolysaccharide
LVP	Large Volume paracentesis
MELD	Model for end stage liver disease
mEq/day	Milliequivalent per day
Mg	Milligram
mg/d	Milligram/day
mg/dL	Milligram/deciliter
mg/dl	Milligram/deciliter
mg/L	Milligram/liter
mm	Millimeter
mmol/L	Millimole/liter
MOH	Ministry of Health
MRCP	magnetic resonance cholangiopancreatography
MRSA	Mecicillin resistant <i>Staphylococcus aureus</i>
MSSA	Mecicillin sensitive <i>Staphylococcus aureus</i>
MTHFR	methyl tetrahydrofolate reductase
mu/ml	Milli-international unit/ milliliter

List of Abbreviations(cont)

Abb.	Full term
N	Number
Na	Sodium
NAFLD	Non Alcoholic Fatty Liver Disease
ng/mL	Nanogram/milliliter
NK	Natural killer
NO	Nitric Oxide
(NOD)2	nucleotide-binding oligomerisation domain containing 2
NS	Non significant
NSAIDs	Non Steroidal Anti-inflammatory Drugs
NSBB	nonselective beta-blocker
PAMPs	Pathogen-associated molecular patterns
PBC	Primary Biliary Cirrhosis
PCR	Polymerase chain reaction
Pg/dl	Picogram per deciliter
PGs	prostaglandin
PLT	Platelets
PMN	Polymorphonuclear leukocyte
PNL	Polymorphonuclear leukocyte
PPHT	portopulmonary hypertension
PPIs	Proton pump inhibitors
PRRs	Pattern-recognition receptors

List of Abbreviations(cont)

Abb.	Full term
PSC	Primary Sclerosing Cholangitis
PV	Portal vein
RA	Rheumatoid arthritis
rDNA	Ribosomal DNA (ribosomal Deoxyribonucleic acid)
RES	Reticuloendothelium system
rRNA	Ribosomal ribonucleic acid
S	Significant
SAAG ratio	Serum Ascitic Albumin Gradient ratio
SBP	Spontaneous bacterial peritonitis
SD	Standard deviation
sec	second
SF	Synovial fluid
SH2	Syk homology 2
SLA	Soluble Liver Antigen
SMA	Smooth muscle antibody
T.bil	Total bilirubin
T.P	Total Protein
TIPSs	Transjugular intrahepatic porto-systemic shunt
TLC	Total leukocyte count
TLRs	Toll-like receptors
TLTs	TREM-like transcripts

List of Abbreviations(cont)

Abb.	Full term
TMP-SMX	Trimethoprim/ sulfamethoxazole
TNFα	Tumor necrosis factor alpha
TREM-1	Triggering Receptors Expressed on Myeloid cells-1
TYROBP	Tyrosine kinase binding protein
μL	Micro liter
U/l	Unite/liter
ULN	Upper Level Normal
US	Ultrasound
UTIs	Urinary tract infections
UVB	Ultraviolet band
VEGF	vascular endothelial growth factor
VLDL	very low-density lipoproteins
vs	versus
WHO	World Health Organization