

Table S1. Abbreviations.

27-HC	27-Hydroxycholesterol
AA	Arachidonic Acid
ABC	ATP-Binding Cassette
ABHD5	Alpha/Beta Hydrolase Domain Containing 5
Akt	Protein Kinase B
ApoA1	Apolipoprotein A1
ATGL	Adipose Triglyceride Lipase
ATP	Adenosine Triphosphate
BMDM	Bone Marrow-Derived Monocytes
BRM	Brain-Resident Microglia
CB2	Cannabinoid Receptor 2
CCL2	Chemokine (C-C Motif) Ligand 2
CNS	Central Nervous System
COX	Cyclooxygenase
CX3CL1	Chemokine (C-X3-C Motif) Ligand 1
CXCL12	C-X-C Motif Chemokine Ligand 12
CYP450	Cytochrome P450
DGAT	Diacylglycerol O-Acyltransferase
DHA	Docosahexaenoic Acid
EAE	Experimental Allergic Encephalomyelitis
E-FABP	Epidermal Fatty Acid-Binding Protein
EPA	Eicosapentaenoic Acid
ERK1/2	Extracellular Signal-Regulated Kinases 1 and 2
FA	Fatty Acid
FAO	Fatty Acid Oxidation
FFA	Free Fatty Acid
FFAR3	Free Fatty Acid Receptor 3
GAM	Glioma-Associated Microglia/Macrophages
GBM	Glioblastoma Multiforme
GM-CSF	Granulocyte-Macrophage Colony-Stimulating Factor
Gpnmb	Glycoprotein Non-Metastatic Melanoma Protein B
GPR41	G Protein-Coupled Receptor 41
HDAC	Histone Deacetylase
HETE	Hydroxyeicosatetraenoic Acid
HIF-1 α	Hypoxia-Inducible Factor 1 Alpha
HSL	Hormone-Sensitive Lipase
IFN- γ	Interferon Gamma
LOX	Lipoxygenase
LPS	Lipopolysaccharide
LT	Leukotriene
MAPK	Mitogen-Activated Protein Kinase
MCAD	Medium-Chain Acyl-CoA Dehydrogenase
MCP-1	Monocyte Chemoattractant Protein-1

M-CSF	Macrophage Colony-Stimulating Factor
MGAT	Monoacylglycerol Acyltransferase
MGLL	Monoglyceride Lipase
MMP	Matrix Metalloproteinase
mPGES-1	Microsomal Prostaglandin E Synthase-1
mTOR	mammalian Target of Rapamycin
NF- κ B	Nuclear Factor-Kappa-Genes Binding
OLFML3	Olfactomedin-Like 3
P2RY12	Purinergic Receptor P2Y12
P4HA1	Prolyl 4-Hydroxylase Subunit Alpha 1
PD-1	Programmed Cell Death Protein 1
PDCD10	Programmed Cell Death 10
PG	Prostaglandin
PGC-1 β	Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1 Beta
PGE2	Prostaglandin E2
PI3K	Phosphoinositide 3-Kinase
PPAR	Peroxisome Proliferator-Activated Receptor
PUFA	Polyunsaturated Fatty Acid
RIPK3	Receptor-Interacting Protein Kinase 3
RNA	Ribonucleic Acid
ROS	Reactive Oxygen Species
SARM	Sterile Alpha and Armadillo Motif
SCFA	Short-Chain Fatty Acid
SIRT4	Sirtuin 4
Spp1	Secreted Phosphoprotein 1 (Osteopontin)
SRM	Spermine Synthase
STAT6	Signal Transducer and Activator of Transcription 6
TAM	Tumor-Associated Macrophages
TCA	Tricarboxylic Acid
TGF- β II	Transforming Growth Factor Beta II
TLR4	Toll-Like Receptor 4
TME	Tumor Microenvironment
TMEM119	Transmembrane Protein 119
TNF	Tumor Necrosis Factor
Treg	Regulatory T Cell
WHO	World Health Organization
YVAD	A caspase-1 inhibitor (Tyr-Val-Ala-Asp)