

ABBREVIATIONS

2-DG- 2-Deoxy- d-glucose	IFN- γ - Interferon gamma
ATP-Adenosine triphosphate	IKK-I κ B kinase
ATX- Autotaxin	IL-1- Interleukin 1
BCSC- Breast Cancer Stem Cells	IL-18- Interleukin 18
BN-PAGE- Blue Native PAGE	IL-1 β - Interleukin 1-beta
CAFs- Cancer associated fibroblasts	IL-2- Interleukin 2
CDK-Cyclin dependent kinase	IL-4- Interleukin 4
CRISPR- Clustered Regularly Interspaced Short Palindromic Repeats	IL6- Interleukin 6
CSC- Cancer Stem Cells	IL-8- Interleukin 8
DAB-3,3'-diaminobenzidine	LPA- Lysophosphatidic acid
ECM- Extracellular Matrix	MAVS- Mitochondrial antiviral signaling protein
EMT- Epithelial to Mesenchymal Transitions	MET- Metformin
ER- Estrogen receptor	MITA- Mediator of IRF3 Activation
ETC- Electron Transport Chain	MMP-Matrix metallo protein
FAO- Fatty Acid Oxidation	MTT- 3-(4,5-Dimethylthiazol-2-yl)-2,5- Diphenyltetrazolium Bromide
HER- human epidermal growth factor receptor 2	NAC- N-acetylcysteine
HIF-1 α - Hypoxia-inducible factor 1-alpha	NEMO- NF- κ B essential modulator
HK2-Hexokinase 2	NF- κ B-Nuclear factor- κ B
IFN-Interferons	NRF- Nuclear respiratory factor
	OXPHOS- Oxidative Phosphorylation

PARP- Poly (ADP-ribose) polymerase

VEGF- Vascular endothelial growth factor

PD1- Programmed cell death protein 1

WHO- World Health Organization

PD-L1- Programmed death-ligand 1

PR- Progesterone receptor

RELA- v-rel reticuloendotheliosis viral
oncogene homolog A

RHD- Rel homology domain

ROS- Reactive oxygen species

ROT- Rotenone

STAT3- Signal transducer and activator of
transcription 3

TAD- Transactivation Domain

TAK -TGF β -activated kinase

TANs- Tumor associated neutrophils

TBK1- TANK-binding kinase

TCA- Tricarboxylic acid cycle

TGF- Transforming growth factor

TME- Tumor Microenvironment

TNBC- Triple negative breast cancer

TNF- Tumor necrosis factor

TRADD- TNFR1-associated death
domain protein

TRAF- TNF receptor-associated factor

UK- United Kingdom

US- United states of America
