

Glossary:

AMD	age-related macular degeneration
ATF4	activating transcription factor 4
cAMP	cyclic adenosine monophosphate
C/EBP	CCAAT/enhancer binding proteins
CHOP	C/EBP homologous protein
CREB	cAMP responsive element-binding protein
CReP	constitutive repressor of eIF2 α phosphorylation
DR	diabetic retinopathy
dsRNA	double-stranded ribonucleic acid
eIF2	eukaryotic translation initiation factor 2
ER	endoplasmic reticulum
GADD34	growth arrest and DNA-damage inducible protein 34
GCN2	general control non-depressible protein 2
GCD	granular corneal dystrophy
GDP	guanosine diphosphate
GTP	guanosine-5'-triphosphate
HRI	heme-regulated inhibitor/heme-regulated eIF2 α kinase
HSV	herpes simplex virus
ISR	integrated stress response
ISRIB	integrated stress response inhibitor
MMP	matrix metalloprotease
mRNA	messenger RNA
met-tRNA	methylated-transfer RNA
PERK	PKR-like endoplasmic reticulum kinase
PKR	double-stranded RNA-dependent protein kinase
PKA	protein kinase A
Poly (I:C)	polyinosinic:polycytidylic acid
PP1	protein phosphatase 1
PPP1R15A	protein phosphatase 1 regulatory subunit 15A
PPP1R15B	protein phosphatase 1 regulatory subunit 15B
ERAD:	endoplasmic reticulum associated protein degradation

ROS	reactive oxygen species
RPE	retinal pigment epithelium
RSK2	ribosomal S6 kinase alpha-2
SyK	spleen-associated tyrosine kinase
TGFBI	transforming growth factor β -induced gene
VEGF	vascular endothelial growth factor