

## **List of Abbreviations used by Researchers/Doctors**

BiP/GRP78	binding protein/glucose-regulated protein 78
BSA	bovine serum albumin
cAMP	cyclic adenosine monophosphate
CHOP	C/EBP homologous protein
CISD2	CDGSH iron sulphur domain protein 2
CL	control
DIDMOAD	diabetes insipidus, diabetes mellitus, optic atrophy, & deafness
DKA	diabetic ketoacidosis
DMEM	Dulbecco's modified Eagle medium
DNA	deoxyribonucleic acid
DSMB	Data Safety Monitoring Board
ECL	electrochemiluminescence
ER	endoplasmic reticulum
ERIS	endoplasmic reticulum intermembrane small protein
ETDRS	Early Treatment Diabetic Retinopathy Study
GABA	gamma amino-butyrac acid
GFP	green fluorescence protein
GRP94	glucose-regulated protein 94
HZ	heterozygous
ICD	International Classification of Disease
ip	intraperitoneal
IRE1	Inositol requiring 1
KO	knockout
LDH	Lactate dehydrogenase
MAA	Marketing authorisation application
MRI	Magnetic resonance Image
PBMC	Peripheral blood mononuclear cells
PCR	polymerase chain reaction

PERK	protein kinase like ER kinase
PIP	Paediatric Investigation Plan
RNA	ribonucleic acid
SERCA	sarco-endoplasmic reticulum calcium ATPase
shRNA	short hairpin RNA
T1DM	Type 1 diabetes
UPR	unfolded protein response
WFS1	Wolfram Syndrome 1
WT	wild type