

8. Abkürzungen

ADP	Adenosindiphosphat
ADPR/ADP-Ribose	Adenosindiphosphat-Ribose
Affi Blue	Cibacron Blue F ₃ G-A-Sepharose
AMP	Adenosinmonophosphat
AP	Alkalische Phosphatase
APS	Ammoniumpersulfat
ART	ADP-Ribosyltransferase
ATP	Adenosintriphosphat
BCIP	Brom-Chlor-Indolyl-phosphat-p-Toluidinsalz
BIM	Bisindolylmaleimid
BSA	<i>Bovine</i> Serumalbumin
C-	Carboxy-
cADPR/cADP-Ribose	cyclische ADP-Ribose
cAMP	cyclisches Adenosinmonophosphat
CD 38	humane ADP-Ribosyl-Cyclase
cDNA	<i>copy</i> -DNA
CICR	<i>Calcium induced Calcium release</i>
CK II	Casein Kinase II
DAPI	Diamidinophenylindole
dATP	desoxy-ATP
DEAE	Diethylaminoethyl
DEPC	Diethylecyanophosphonat
DMEM	<i>Dulbecco's modified Eagle-Medium</i>
DMF	Dimethylformamid
DMSO	Dimethylsulfoxid
dNTPs	Desoxynukleotide
DTT	Dithiothreitol
EDTA	Ethylendiamin-N, N, N', N'-tetraessigsäure
EGTA	Ethylenglycol-bis(2-Aminoethyl)-N, N, N', N'-tetraessigsäure
ER	Endoplasmatisches Retikulum
FCS	<i>Fidel Calf Serum</i>
FLAG	Protein-Tag: Asp-Tyr-Lys-Asp-Asp-Asp-Asp-Lys
FPLC	<i>Fast Protein Liquid Chromatography</i>
G6P-DH	Glucose-6-Phosphat-Dehydrogenase
GFP	<i>Green Fluorescent Protein</i>
GPI	Glycosylphosphatidylinositol
G-Protein	GTP-bindendes Protein
GTP	Guanosintriphosphat
HA	Hydroxylapatit
HEPES	Hydroxyethylpiperazinethanesulfat
HPLC	<i>High Pressure Liquid Chromatography</i>
IDPm	mitochondriale NADP ⁺ -abhängige Isocitrat-Dehydrogenase
IMP	Inosinmonophosphat
IP	Immunpräzipitation
IP ₃	Inositol-1,4,5-Trisphosphat
IPTG	Isopropylthiogalactopyranosid
K _M	Michaelis-Menten Konstante
KE	Kernextrakt
mRNA	<i>messenger</i> RNA

MTT	Methylthiazoltetrazolium
N-	Amino-
NAAD ⁺	Nikotinatenindinucleotid
NAADP ⁺	Nikotinatenindinucleotidphosphat
NAD ⁺	Nikotinamidenindinucleotid
NADase	NAD ⁺ -Glycohydrolase
NADH	Nikotinamidenindinucleotid, reduzierte Form
NAD ⁺ -Kinase	Nikotinamidenindinucleotid-Kinase
NADP ⁺	Nikotinamidenindinucleotidphosphat
NADPH	Nikotinamidenindinucleotidphosphat, reduzierte Form
NAMN	Nikotinatmononucleotid
NBT	Nitro-Blue Tetrazoliumchlorid
NK	Nikotinamidenindinucleotid-Kinase
NLS	<i>Nuclear Lokalization Signal</i>
NMN	Nikotinamidmononucleotid
NMNAT	Nikotinamidmononucleotid-Adenylyltransferase
NMR	<i>Nuclear magnetic resonance</i>
NP40	Nonylphenol 40
OD	optische Dichte
PAG(E)	Polyacrylamidgel(elektrophorese)
PARP	Poly-ADP-Ribose-Polymerase
PBS	<i>Phosphate buffered sialine</i>
PCR	<i>Polymerase chain reaction</i>
PKC	Proteinkinase C
PMA	Phorbolmyristataacetat
PMS	Phenazinemethosulfat
PMSF	Phenylmethansulfonylfluorid
PP _i	Pyrophosphat
PRPP	Phosphoribosyl- α -pyrophosphat
PRT	Phosphoribosyltransferase
PVDF	Polyvinylidendifluorid
RT	Raumtemperatur
RyR	Ryonodinrezeptor
SDS	<i>Sodiumdodecylsulfate</i>
Sir2p	<i>silent information regulator</i> Protein 2
SR	Sarkoplasmatisches Retikulum
SSC	<i>Saline Sodium Citrate</i> -Puffer
SSPE	<i>Saline Sodium Phosphate</i> /EDTA-Puffer
Taq	<i>Thermus aquaticus</i>
TCA	Trichloressigsäure
TEMED	N,N,N', N'-Tetramethylendiamin
Tris	Tris-(hydroxymethyl-)aminomethan
ÜS	Überstand
V _{max}	maximale Reaktionsgeschwindigkeit
Wlds	<i>slow wallerian degeneration mouse</i>
WT	Wildtyp