

## 7. Abkürzungsverzeichnis

A	Adenin, Adenosin
AcPL	<i>IL-18 receptor accessory protein-like molecule</i>
APS	Ammoniumpersulfat
ARDS	<i>adult respiratory distress syndrome</i>
BCA	<i>bicinchoninic acid</i>
Bp	Basenpaare
BPD	<i>bronchopulmonal dysplasia</i>
BSA	bovines Serumalbumin
BSO	Glutathion-Synthese-Inhibitor Buthionin-Sulfoximin
bzw.	Beziehungsweise
°C	Grad Celsius
C	<i>control</i> , Kontrolltier
C	Cytidin, Cytosin
ca.	circa
Ca <sup>2+</sup>	ionisiertes Kalzium
Caud	Nucleus caudatus
cDNA	<i>complementary deoxyribonucleic acid</i>
Cfr II	Cortex frontalis
Cing	Cingulum
Cere	Cerebellum
cm	Zentimeter
CP	Zerebralparese
Cpr	Cortex parietalis
CRH	<i>corticotropin releasing hormone</i>
d	destilliert
dd	bidestilliert
DAB	Diaminobenzidin
DEPC	Diethylpyrocarbonat
DG	<i>dentate gyrus</i> , Gyrus dentatus
DMSO	Dimethylsulfoxid
DNA	<i>desoxyribonuclein acid</i> , Desoxyribonukleinsäure

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dNTPs	Desoxynukleintriphosphate
DTT	Dithiothreitol
ECL	<i>enhanced chemiluminescence</i>
EDTA	Ethylendiamintetraacetat
EGTA	Ethylenglycol-bis(beta-aminoethylether)-N,N,N',N'-tetraessigsäure
ELBW	<i>extrem low birth weight</i>
et al.	et altera
FIRS	<i>fetal inflammatory response syndrome</i>
g	Gramm
G	Guanin, Guanosin
GM-CSF	Granulozyten Makrophagen Kolonie stimulierender Faktor
GVHD	<i>Graft versus Host Reaktion</i>
H <sub>2</sub> O <sub>2</sub>	Wasserstoffperoxid
Hg	Quecksilber
Hip	Hippocampus
HRP	<i>Horseradish peroxidase-linked</i>
Hyth	Hypothalamus
ICE	<i>IL-1<math>\beta</math>-converting enzyme</i>
IFN	Interferon
Ig	Immunglobulin
IGIF	<i>interferon-<math>\gamma</math> inducing factor</i>
IKK	inhibitorische $\kappa$ B Kinase
IL	Interleukin
IL-1R	IL-1 Rezeptor
IL-1RA	IL-1 Rezeptor Antagonist
IL-1RAcP	IL-1 receptor accessory protein
IL-18BP	<i>IL-18 binding protein</i> , IL-18 bindendes Protein
IL-18R	IL-1 Rezeptor
IRAK	IL-1-Rezeptor assoziierte Kinase
JNK	c-Jun-N-terminale Kinase
kDa	Kilo-Dalton
l	Liter
LPS	Lipopolysaccharid
$\mu$	Mikro

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m	Meter
M	Molar
M.	Morbus
mA	Milliamper
MAPK	mitogenaktivierte Proteinkinase
min	Minute
ml	Milliliter
mm	Millimeter
mM	Millimolar
mm <sup>2</sup>	Quadratmillimeter
M-MLV	<i>moloney murine leukaemia virus transkriptase</i>
mRNA	<i>messenger ribonuclein acid</i>
MyD88	<i>myelon diffenciation factor 88</i>
n	Menge
NEB	New England Biolabs
NEC	Nekrotisierende Enterokolitis
ng	Nanogramm
NFκB	<i>nuclear factor κ B</i>
NK-Zellen	Natürlichen Killer-Zellen
nm	Nanometer
NO	Stickstoffmonoxid
NWMD	<i>neonatal white matter damage</i>
O <sub>2</sub>	molekularer Sauerstoff
O <sub>2</sub> <sup>-</sup>	Superoxidanion
OH <sup>·</sup>	Hydroxylradikal
PAGE	Polyacrylamid Gelelektrophorese
PaO <sub>2</sub>	arterieller Sauerstoffpartialdruck
PBS	<i>phosphate buffered saline</i> , Phosphatpuffer
PCR	<i>polymerase chain reaction</i> , Polymerasekettenreaktion
PMSF	Phenylmethylsulfonylfluorid
PVL	Periventrikuläre Leukomalazie
RDS	<i>respiratory distress syndrome</i> , Atemnotsyndrom
RNA	<i>ribonuclein acid</i>
ROI	<i>reactive oxygen intermediate</i>

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ROP	<i>retinopathy of prematurity</i>
ROS	<i>reactive oxygen species</i>
RSC	Retrosplenialer Kortex
RT	Raumtemperatur; reverse Transkription
s	Sekunden
SaO <sub>2</sub>	arterielle Sauerstoffsättigung
SDS	Sodium Dodecyl Sulfat
SEM	<i>standard error of the mean</i>
Str	Striatum
Subic	Subiculum
T	Thymin, Thymidin
TAE	Tris-Acetat-EDTA
TBE	<i>tris buffered saline</i>
TEMED	Tetramethylethylendiamin
TGGE	Temperaturgradienten-Gelelektrophorese
Thal	Thalamus
Th LD	Thalamus laterodorsalis
Th MD	Thalamus mediodorsalis
Th V	Thalamus ventralis
TIR	<i>Toll/IL-1R/plant R gene</i>
TLR	<i>Toll-like-receptor</i>
TNF $\alpha$	Tumor Nekrose Faktor $\alpha$
TRAF	TNF Rezeptor assoziierter Faktor
U	Unit, Einheit
Upm	Umdrehungen pro Minute
UV	ultraviolett
V	Volt
VL	Ventriculus lateralis
VT	Ventriculus tertius
v/v	Volumenprozent
v/w	Gewichtsprozent
W	Watt
ZNS	Zentrales Nervensystem
(-/-)	homozygot negativ