

6. Abkürzungen

A

| | |
|------|----------------------------|
| AC | Adenylatzyklase |
| AKAP | A-Kinase anchoring protein |
| APS | Ammoniumpersulfat |
| ATP | Adenosintriphosphat |

B

| | |
|------------|---|
| BCA | Binchinconinsäure-4,4-dicarboxy-2,2-Bichinolin |
| BNPI | Brain-specific Na ⁺ -dependent Inorganic Phosphate Cotransporter |
| BON Zellen | Pankreascarzinoidzellen |
| Bp | Basenpaare |
| BSA | Bovines Serumalbumin |
| BtK | Bruton'sche Kinase |

C

| | |
|------|---|
| cAMP | Zyklisches Adenosinmonophosphat |
| CAPS | Ca ²⁺ -dependent activator protein for secretion |
| cGMP | Zyklisches Guanosinmonophosphat |
| CPG | Controlled pore glass beads |

D

| | |
|---------------------------|------------------------------|
| D _{2L} -Rezeptor | Dopamin 2-like Rezeptor |
| DAT | Dopamintransporter |
| DMSO | Dimethylsulfoxid |
| DNA | Desoxyribonukleinsäure |
| DTT | Diethriothreitol |
| ΔH^+ | Protonengradient |
| $\Delta \mu H^+$ | Elektrochemischer Gradient |
| $\Delta \Psi$ | Elektrische Ladungsdifferenz |

E

| | |
|-------|---|
| EAAT | Exzitatorischer Aminosäuren-Transporter |
| ECL | Enhanced Chemiluminescence |
| EDTA | Ethylendiamintetraacetat |
| EGTA | Ethylenglykolbis(2-aminoethyl-)tetraacetat) |
| ELISA | Enzyme-linked Immunosorbant Assay |

G

| | |
|------------|--|
| GABA | γ -Aminobuttersäure |
| GAIP | G $_{\alpha}$ interagierendes Protein |
| Gap1m | Ras aktivierendes Protein |
| GAT | GABA-Transporter |
| GDP | Guanosindiphosphat |
| GIRK | Einwärts gerichteter G-Protein regulierter Kaliumkanal |
| GLYT | Glycintransporter |
| GMP-P(NH)P | 5'-Guanolyimidodiphosphat |
| GPCR | G-Protein coupled Receptor |
| G-Protein | Guaninnukleotid-bindendes Protein |
| GTP | Guanosintriphosphat |

H

| | |
|-------|---|
| 5-HT | 5-Hydroxytryptamin |
| HE | Hämolytische Einheit (Menge an Toxin, bei der 50% Kaninchenthrombozyten lysiert werden) |
| HEPES | N-2-Hydroxyethylpiperazin-N'-2-ethan-sulfonsäure |

K

| | |
|----------------|----------------------------|
| kDa | Kilodalton |
| KG | Kaliumglutamat |
| K _m | Michaelis-Menten-Konstante |

L

| | |
|------|--------------------------|
| LDCV | Large dense core Vesikel |
| LMW | Low molecular marker |

M

| | |
|------|---------------------------|
| MAO | Monoaminoxidase |
| MAP | mitogen-activated protein |
| min. | Minute |

N

| | |
|-----|-------------------------|
| NET | Noradrenalintransporter |
|-----|-------------------------|

P

| | |
|------|---------------------------------|
| p | Signifikanz |
| PC12 | Phäochromocytomzelllinie |
| PCR | Polymerasekettenreaktion |
| PDE | Phosphodiesterase |
| PIP3 | Phosphatidylinositol-3-Phosphat |

Abkürzungen

| | |
|------------|---|
| PLC | Phospholipase C |
| PMSF | Phenylmethylylsulfonylfluorid |
| R | |
| RGS | Regulator of G-Protein Signaling |
| Rho | kleine GTPase |
| RhoGEF | Rho Guaninnucleotid Austauschfaktor |
| RPM | Umdrehungen pro Minute |
| S | |
| SDS-Page | Sodium-dodecyl-sulfate Polyacrylamide Gel-electrophoresis |
| SERT | Serotonintransporter |
| SLMV | Small synaptic-like microvesicles |
| SLO | Streptolysin O |
| SNARE | Soluble N-ethylmaleimide-sensitive factor attachment protein receptor |
| Syph | Synaptophysin |
| Src-Kinase | Sarkomavirus Tyrosinkinase |
| SSV | Small synaptic vesicles |
| T | |
| TAE | Tris-Acetat-EDTA |
| TBS-T | Tris-buffered-Saline-Triton |
| TE | Tris-EDTA |
| TEMED | N,N,N',N'-Tetramethylethylendiamin |
| TH | Tyrode-HEPES |
| TS | Tris-Saline |
| U | |
| UE | Untereinheit |
| UNC | uncoordinated |
| UV | Ultraviolett |
| V | |
| VACHT | Vesikulärer Acetylcholintransporter |
| V-ATPase | Vesikuläre ATPase |
| VGAT | Vesikulärer GABA Transporter |
| VGLUT | Vesikulärer Glutamatttransporter |
| VIAAT | Vesikulärer inhibitorischer-Aminosäuren-Transporter |
| VMAT | Vesikulärer Monoamintransporter |
| V_{max} | Maximale Geschwindigkeit |
| v/v | Volumen pro Volumen |

W

w/v Gewicht pro Volumen

w/w Gewicht pro Gewicht

Z

ZNS Zentrales Nervensystem