

A1	Anti-apoptotischer Faktor A1; Bfl-1
ADP	Adenosindiphosphat
AK	Antikörper
Akt Pathway	Proteinkinase B Pathway
Ang II	Angiotensin II
Apaf-1	apoptotischer Aktivierungsfaktor 1
ARDS	Acute respiratory distress syndrome
ATP	Adenosintriphosphat
Bad	zugehörig zur bcl-2 Familie, proapoptotisch
Bax	bcl-2 associated x-protein
Bcl-2	b-cell-lymphoma-2
bFGF	Basic fibroblast growth factor
BID	zugehörig zur bcl-2 Familie, proapoptotisch
Ca ²⁺	Kalzium
CARD	Caspase-Rekrutierungs-Domäne
cGMP	cyclisches Guanisinmonophosphat
c-jun	Proto-Onkogen
Cp	perfusion controll
Crk	chicken tumourvirus No. 10 (CT19) regulator of kinase
DAG	Diacylglycerol
dATP	2'-deoxyadenosine-5'-triphosphate
DD	Death Domain
DED	Death effector domain
DISC	death including signal complex
DNA	Desoxyribonukleinsäure
EC	endothelial cell
Eta-1	Osteopontin
Ets-1	Transkriptionsfaktor
EZM	Extrazelluläre Matrix
FADD	fas-assoziiertes Protein mit Todesdomäne
Fas	zugehörig zu TNF Familie; CD95
FGF-4	Fibroblast growth factor 4
FGFR-1	Fibroblast growth factor receptor 1
FOXO	Forkhead Box O transcription factor
Fyn	Src family PTK
GAP	GTPase activating protein
GC	guanylate cyclase
GD	GTP domain
GDP	Guanosindiphosphat
Grb2/Shc/Sos	growth factor receptor bound protein 2/Src-homology collagen protein/Ras-specific nucleotide-exchange factor Son of Sevenless
GT	GDP domain
GTPase	Guanosintriphosphatase
h	hour
HAES	Hydroxyethylstärke

HIF-1	hypoxia-inducible factor-1
IAP	Apoptose-inhibitorische Proteine
IFN- γ	Interferon- γ
IGF-I	Insulin-like growth factor 1
IL-1b	Interleukin 1b
IL-2	Interleukin 2
IL-3	Interleukin 3
IL-6	Interleukin 6
IL-10	Interleukin 10
IL-13	Interleukin 13
IP3	Inositoltrisphosphat
ISS	International Space Station
JNK	Jun N-terminal kinase
KGF	Keratinocyte growth factor
MAP	Mikrotubuli-assoziiertes Protein
MEK	MAP-Erk-Kinase
min	Minute
MMP-9	Matrix Metalloproteinase 9
MODS	Multiple organ dysfunction syndrome
MRNA	messenger RNA
MT-MMP	membrane type MMP
NcK	Non catalytic region of tyrosine kinase
NF κ B	nukleärer Faktor κ B
NO	nitrit oxide
NRP1	Neuropilin 1
NRP2	Neuropilin 2
OPN	Osteopontin
P	Phosphat
P125 ^{FAK}	focal adhesion kinase
P53	Tumorsuppressorgen 53
PARP	Poly(ADP-ribose) polymerase
PDGF	plateled derived growth factor
PGI2	Prostaglandin I2
PI-3 Kinase	Phosphatidyl-Inositol-3-Kinase
PKB	Protein kinase B
PKC	Protein kinase C
PKG	Protein kinase G
PLA2	Phospholipase A2
PLC	Phospholipase C
PMN	polymorphonukleäre Zellen
PTK/ZK	PTK787/ZK222584
Pyk2	proline-rich protein tyrosine kinase 2
Rac	small GTP binding proteins

Raf-Mek-Erk Pathway	Raf: Familie von Serin/Threonin Kinasen, die aktiviert durch RAS, die mitogene Signalübertragung steuern. Aktiviert die MAP/ERK Kinase Mek: „MAP/ERK Kinase“. Zytoplasmatische Serine/Threonin Kinase, phosphoryliert durch die RAF Kinase. Direkter Aktivator der ERK1,2 Kinasen. Erk: Phosphat-Extrazellulär Signal-regulierte Kinase
ras GTPase	rat sarcoma GTPase
RIP	receptor interacting protein
RPM	Random Positioning Machine
SAPK2	Stress-activated protein kinase-2
sc	subkutan
sec	second
SIRS	Systemisches inflammatorisches Response Syndrom
Src	Gen des Rous Sarcoma Virus
TGF- β	Transforming growth factor β
Tie2	tyrosine kinase with Ig and EGF homology domains 2
TIL	tumorinfiltrierende Lymphozyten
TIMP	Tissue inhibitors of matrix metalloproteinases
TNF- α	Tumor necrosis factor α
TRADD	TNF-Rezeptor assoziiertes Protein
TRAF1/2	TNFR-associated factor 1/2
TRAIL	TNF-related apoptosis-inducing ligand
Trk-Familie	Tyrosinkinase-Familie
UV-B	Ultraviolette Strahlung-B
VEGF	Vascular endothelial growth factor
VEGF-A	Vascular endothelial growth factor A
VEGF-B	Vascular endothelial growth factor B
VEGF-C	Vascular endothelial growth factor C
VEGF-D	Vascular endothelial growth factor D
VEGF-E	Vascular endothelial growth factor D
VEGF-F	Vascular endothelial growth factor F = PIGF
VEGFR-1	Flt-1 = Fms-like Tyrosinkinase
VEGFR-2	Flk-1
VEGFR-3	Flt-4 = Fms-like Tyrosinkinase 4
VPF	Vaskulärer Permeabilitätsfaktor, Vaskulotropin
VSMC	vascular smooth muscle cell
ZM323881	5-[[7-(benzyloxy) quinazolin-4-yl]amino]-4-fluoro-2-methylphenol; VEGFR-2 Tyrosin-Kinase-Inhibitor