

## Seznam použitých zkratek

- AD – z angl. Alzheimer disease
- ATM – z angl. ataxia telangiectasia mutated
- ATR – z angl. ataxia telangiectasia and Rad3 related
- CDK – z angl. cyclin-dependent kinases
- C/EBP $\beta$  – z angl. CCAAT/enhancer-binding protein beta
- cGAS/STING – z angl. cyclic GMP-AMP synthase/stimulator of interferon genes pathway
- CDT – z angl. cytolethal distending toxin
- Cip/Kip – z angl. CDK interacting protein/Kinase inhibitory protein
- CNS – z angl. central nervous system
- CSF – z angl. cerebrospinal fluid
- CXCL1 – z angl. C-X-C motif ligand 1
- DDR – z angl. DNA damage response
- DNA-SCARS – z angl. segments with chromatin alternations reinforcing senescence
- DSBs – z angl. double strand breaks
- ECM – z angl. extracellular matrix
- EMT – z angl. epithelial mesenchymal transition
- EcrG4 – z angl. esophageal cancer related gene 4
- GATA4 – z angl. GATA transcription factor 4
- GBM – z lat. glioblastoma multiforme
- GM-CSF – z angl. granulocyte – macrophage colony-stimulating factor
- GSCs – z angl. glioblastoma stem cells
- HAND – z angl. HIV associated neurocognitive disorders
- HdCDT – z angl. cytolethal distending toxin of Haemophilus ducreyi
- HGF – z angl. hepatocyte growth factor
- HSCs – z angl. hepatocyte stellate cells
- iCDK – z angl. cyclin-dependent kinase inhibitor
- IL-(1-15) – z angl. interleukin
- IL1A – z angl. interleukin 1 alpha gene
- INF – z angl. interferon
- INK4 – z angl. inhibitors of CDK4
- MAPK – z angl. mitogen-activated protein kinase
- MDM2 – z angl. murine double minute 2 protein
- MECP2 – z angl. Methyl-CpG-binding protein 2
- MMP – z angl. metalloproteinase

mRNA – z angl. messenger ribonucleotide acid  
mTOR – z angl. mammalian target of rapamycin  
NF- $\kappa$ B – z angl. nuclear factor kappa B  
NGSCs – z angl. non-stem glioma cells  
NSCs – z angl. neural stem cells  
OIS – z angl. oncogene-induced senescence  
OPCs – z angl. oligodendrocyte progenitor cells  
PD – z angl. Parkinson disease  
PML – z angl. Promyelocytic leukemia  
Ras/Raf – z angl. Rat sarcoma/Rapidly accelerated fibrosarcoma  
PRR – z angl. pattern-recognizing receptors  
RNS – z angl. reactive nitrogen species  
ROS – z angl. reactive oxygen species  
SAHFs – z angl. senescence-associated heterochromatin foci  
SA- $\beta$ -gal – z angl. senescence-associated  $\beta$ -galactosidase  
SASP – z angl. senescence-associated secretory phenotype  
SCAPs – z angl. senescent cell anti-apoptotic pathways  
TCDD – z angl. 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
TBX2 – z angl. T-box transcription factor 2  
TNF $\alpha$  – z angl. tumor necrosis factor alpha  
TRAF3IP2 – z angl. TNF receptor-associated factor 3 interacting protein 2  
UPR – z angl. unfolded protein response  
VEGF – z angl. vascular endothelial growth factor

## Reference

Symbol \* označuje přehledový článek.

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