

<b>Paper</b>	<b>Species</b>	<b>Site</b>	<b>Note</b>	<b>Link</b>
Rapid gut dysbiosis induced by stroke exacerbates brain infarction in turn	Mouse	Brain, mesentery	Ischemia	<a href="https://gut.bmj.com/content/70/8/1486.abstract">https://gut.bmj.com/content/70/8/1486.abstract</a> <a href="https://ashpublications.org/blood/article/136/8/974/461127/The-14-3-3-c- Src-integrin-3-complex-is-vital-for">https://ashpublications.org/blood/article/136/8/974/461127/The-14-3-3-c- Src-integrin-3-complex-is-vital-for</a>
The 14-3-3 $\zeta$ -c-Src-integrin- $\beta$ 3 complex is vital for platelet activation	Mouse	Common carotid artery	Platelet activation, thrombosis	<a href="https://www.ahajournals.org/doi/10.1161/CIRCRESAHA.122.321479">https://www.ahajournals.org/doi/10.1161/CIRCRESAHA.122.321479</a>
Spatiotemporal Control of Vascular CaV1.2 by $\alpha$ 1C S1928 Phosphorylation	Mouse	Brain	Diabetes, Vascular cell function	<a href="https://www.nature.53yu.com/articles/s41467-022-28777-9">https://www.nature.53yu.com/articles/s41467-022-28777-9</a>
Astrocytic phagocytosis contributes to demyelination after focal cortical ischemia in mice	Mouse	Brain	ischemia, dMCAO	<a href="https://doi.org/10.1038/s41467-020-16851-z">https://doi.org/10.1038/s41467-020-16851-z</a>
A Combination Therapy Using Electrical Stimulation and Adaptive, Conductive Hydrogels Loaded with Self-Assembled Nanogels Incorporating Short Interfering RNA Promotes the Repair of Diabetic Chronic Wounds	Rat	flap	Diabetes, Wound healing, burn	<a href="https://onlinelibrary.wiley.com/doi/full/10.1002/advs.202201425">https://onlinelibrary.wiley.com/doi/full/10.1002/advs.202201425</a>
Meningeal lymphatics clear erythrocytes that arise from subarachnoid hemorrhage	Mouse	Brain	subarachnoid hemorrhage	<a href="https://academic.oup.com/brain/article-abstract/145/7/2378/6589844?redirectedFrom=fulltext&amp;login=true#no-access-message">https://doi: 10.1038/s41467-020-16851-z</a> <a href="https://academic.oup.com/brain/article-abstract/145/7/2378/6589844?redirectedFrom=fulltext&amp;login=true#no-access-message">https://academic.oup.com/brain/article-abstract/145/7/2378/6589844?redirectedFrom=fulltext&amp;login=true#no-access-message</a>
Harnessing cortical plasticity via gabapentinoid administration promotes recovery after stroke	Mouse	Brain	ischemia	<a href="https://pubmed.ncbi.nlm.nih.gov/35547763/">https://pubmed.ncbi.nlm.nih.gov/35547763/</a>
M2 microglia-derived extracellular vesicles promote white matter repair and functional recovery via miR-23a-5p after cerebral ischemia in mice	Mouse	Brain	ischemia, MCAO	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8825601/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8825601/</a>
Endothelial PPAR $\delta$ facilitates the post-ischemic vascular repair through interaction with HIF1 $\alpha$	Mouse	hindlimb	hindlimb ischemia, angiogenesis	<a href="https://www.sciencedirect.com/science/article/pii/S2213231722000957">https://www.sciencedirect.com/science/article/pii/S2213231722000957</a>
TIGAR alleviates oxidative stress in brain with extended ischemia via a pentose phosphate pathway-independent manner	Mouse	Brain	ischemia, MCAO	<a href="https://doi.org/10.1016/j.actbio.2021.12.009">https://doi.org/10.1016/j.actbio.2021.12.009</a>
Rescuing Ischemic Stroke by Biomimetic Nanovesicles through Accelerated Thrombolysis and Sequential Ischemia-Reperfusion Protection.	Mouse	Brain	ischemia/photochemical	<a href="https://pubmed.ncbi.nlm.nih.gov/34495626/">https://pubmed.ncbi.nlm.nih.gov/34495626/</a>
Embollic Stroke Model with Magnetic Nanoparticles	Mouse	Brain	stroke	<a href="https://doi.org/10.1016/j.phrs.2022.106482">https://doi.org/10.1016/j.phrs.2022.106482</a>
Spatiotemporal lipidomics reveals key features of brain lipid dynamic changes after cerebral ischemia and reperfusion therapy	Mouse	Brain	ischemia, MCAO	<a href="https://svn.bmj.com/content/early/2022/07/13/svn-2022-001594.abstract">https://svn.bmj.com/content/early/2022/07/13/svn-2022-001594.abstract</a>
Deeper cerebral hypoperfusion leads to spatial cognitive impairment in mice	Mouse	Brain	Vascular cognitive impairment (VCI)	

Ischemia-induced cleavage of OPA1 at S1 site aggravates mitochondrial fragmentation and reperfusion injury in neurons	Mouse	Brain	ischemia-reperfusion	<a href="https://www.nature.com/articles/s41419-022-04782-0">https://www.nature.com/articles/s41419-022-04782-0</a>
DW14006 as a direct AMPK $\alpha$ activator ameliorates diabetic peripheral neuropathy in mice	Mouse	Sciatic nerve Foot pad	Diabetic mice	<a href="https://diabetesjournals.org/diabetes/article/69/9/1974/39461/DW14006-as-a-Direct-AMPK-Activator-Ameliorates">https://diabetesjournals.org/diabetes/article/69/9/1974/39461/DW14006-as-a-Direct-AMPK-Activator-Ameliorates</a>
Targeted delivery of fat extract by platelet membrane-cloaked nanocarriers for the treatment of ischemic stroke	Mouse	Brain	stroke, Targeted delivery, nanoparticles	<a href="https://jnanobiotechnology.biomedcentral.com/articles/10.1186/s12951-022-01461-2">https://jnanobiotechnology.biomedcentral.com/articles/10.1186/s12951-022-01461-2</a>
Intestinal delivery of ROS-scavenging carbonized polymer dots for full-course treatment of acute and chronic radiation enteritis	Mouse	mesentery	Radiation enteritis	<a href="https://doi.org/10.1016/j.apmt.2022.101544">https://doi.org/10.1016/j.apmt.2022.101544</a>
Roflumilast prevents ischemic stroke-induced neuronal damage by restricting GSK3 $\beta$ -mediated oxidative stress and IRE1 $\alpha$ /TRAF2/JNK pathway	Rat	Brain	Ischemia	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0891584920316816">https://www.sciencedirect.com/science/article/abs/pii/S0891584920316816</a>
Extracellular vesicles from adipose-derived stem cells promote microglia M2 polarization and neurological recovery in a mouse model of transient middle cerebral artery occlusion	Rat	Brain	ischemia	<a href="https://linkspringer.com/article/10.1186/s13287-021-02668-0">https://linkspringer.com/article/10.1186/s13287-021-02668-0</a>
Sourcing of human peripheral blood-derived myeloid angiogenic cells under xeno-free conditions for the treatment of critical limb ischemia	Mouse	hindlimb	Critical limb ischemia	<a href="https://stemcellres.biomedcentral.com/articles/10.1186/s13287-022-03095-5">https://stemcellres.biomedcentral.com/articles/10.1186/s13287-022-03095-5</a>
Activation of G protein-coupled receptor 30 protects neurons by regulating autophagy in astrocytes	Mouse	Brain	Ischemic stroke	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/glia.23697">https://onlinelibrary.wiley.com/doi/abs/10.1002/glia.23697</a>
Aging exacerbates impairments of cerebral blood flow autoregulation and cognition in diabetic rats	Rat	Brain	Diabetes mellitus	<a href="https://linkspringer.com/article/10.1007/s11357-020-00233-w">https://linkspringer.com/article/10.1007/s11357-020-00233-w</a>
Pharmacological Inhibition of Class III Alcohol Dehydrogenase 5: Turning Remote Ischemic Conditioning Effective in a Diabetic Stroke Model	Mouse	Brain	Diabetes, Stroke (Photothrombotic & Reperfused Transient MCA Occlusion)	<a href="https://www.mdpi.com/2076-3921/11/10/2051">https://www.mdpi.com/2076-3921/11/10/2051</a>
Microvascular Injury in Mild Traumatic Brain Injury Accelerates Alzheimer-like Pathogenesis in Mice	Mouse	Brain	TBI	<a href="https://www.biorxiv.org/content/10.1101/2020.04.12.036392v1.abstract">https://www.biorxiv.org/content/10.1101/2020.04.12.036392v1.abstract</a>
Mild traumatic brain injury induces microvascular injury and accelerates Alzheimer-like pathogenesis in mice	Mouse	Brain	Alzheimer's disease, CBF, TBI	<a href="https://actaneurocomms.biomedcentral.com/articles/10.1186/s40478-021-01178-7">https://actaneurocomms.biomedcentral.com/articles/10.1186/s40478-021-01178-7</a>
Endothelium-targeted delivery of PPAR $\delta$ by adeno-associated virus serotype 1 ameliorates vascular injury induced by hindlimb ischemia in obese mice	Mouse	hindlimb	hindlimb ischemia, angiogenesis	<a href="https://www.sciencedirect.com/science/article/pii/S0753332222005613">https://www.sciencedirect.com/science/article/pii/S0753332222005613</a>

Protein O-GlcNAcylation alleviates small intestinal injury induced by ischemia-reperfusion and oxygen-glucose deprivation	Mouse	small intestinal	ischemia-reperfusion	<a href="https://www.sciencedirect.com/science/article/pii/S0753332221002626">https://www.sciencedirect.com/science/article/pii/S0753332221002626</a>
Traditional Chinese Medicine prescription Huang-Qi-Jian-Zhong-Tang ameliorates indomethacin-induced duodenal ulcers in rats by affecting NF-κB and STAT signaling pathways	Rat	duodenum (mucous membrane)	Intestinal ulcers	<a href="https://doi.org/10.1016/j.biopha.2022.113866">https://doi.org/10.1016/j.biopha.2022.113866</a>
Phosphoproteome Analysis Identifies a Synaptotagmin-1-Associated Complex Involved in Ischemic Neuron Injury	Mouse	Brain	ischemia,MC AO	<a href="https://www.mcponline.org/article/S1535-9476(22)00030-5/fulltext">https://www.mcponline.org/article/S1535-9476(22)00030-5/fulltext</a>
A Linarin Derivative Protects against Ischemia-Induced Neuronal Injury in Mice by Promoting Cerebral Blood Flow Recovery via KDEL-Dependent CSPG4 Activation	Mouse	Brain	ischemia	<a href="https://doi.org/10.1155/2022/6434086">https://doi.org/10.1155/2022/6434086</a>
Antagonism of histamine H3receptor promotes angiogenesis following focal cerebral ischemia	Mouse	Brain	ischemia	<a href="https://www.nature.com/articles/s41401-022-00916-4#citeas">https://www.nature.com/articles/s41401-022-00916-4#citeas</a>
Novel Caspase-1 inhibitor CZL80 improves neurological function in mice after progressive ischemic stroke within a long therapeutic time-window	Mouse	Brain	ischemia/photocchemical	<a href="https://www.nature.53yu.com/articles/s41401-022-00913-7">https://www.nature.53yu.com/articles/s41401-022-00913-7</a>
Differences in hippocampal plasticity and memory outcomes in anterior versus posterior cerebellar stroke	Mouse	Brain	ischemia/photocchemical	<a href="https://www.sciencedirect.com/science/article/pii/S0969996122000936">https://www.sciencedirect.com/science/article/pii/S0969996122000936</a>
Unbalanced Regulation of Sec22b and Ykt6 Blocks Autophagosome Axonal Retrograde Flux in Neuronal Ischemia-Reperfusion Injury	Rat	Brain	ischemia-reperfusion	<a href="https://www.jneurosci.org/content/42/28/5641.abstract">https://www.jneurosci.org/content/42/28/5641.abstract</a>
Conformation-Specific Blockade of αIIbβ3 by a Non-RGD Peptide to Inhibit Platelet Activation without Causing Significant Bleeding and Thrombocytopenia	frog	flap	platelet activation, thrombosis	<a href="https://pubmed.ncbi.nlm.nih.gov/32717755/">https://pubmed.ncbi.nlm.nih.gov/32717755/</a>
Oxymatrine improves blood-brain barrier integrity after cerebral ischemia-reperfusion injury by downregulating CAV1 and MMP9 expression	Mouse	Brain	Ischemic stroke	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0944711321000477">https://www.sciencedirect.com/science/article/abs/pii/S0944711321000477</a>
Gegen Qinlian pills alleviate carrageenan-induced thrombosis in mice model by regulating the HMGB1/NF-κB/NLRP3 signaling	Mouse	vessel	thrombus, inflammation	<a href="https://doi.org/10.1016/j.phymed.2022.154083">https://doi.org/10.1016/j.phymed.2022.154083</a>
Magnolol effectively ameliorates diabetic peripheral neuropathy in mice	Mouse	hindlimb	Diabetic peripheral neuropathy	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0944711322005232">https://www.sciencedirect.com/science/article/abs/pii/S0944711322005232</a>
Development and Evaluation of a Novel Mouse Model of Asphyxial Cardiac Arrest Revealed Severely Impaired Lymphopoiesis After Resuscitation	Mouse	Brain	Asphyxial Cardiac Arrest	<a href="https://www.ahajournals.org/doi/full/10.1161/JAHA.120.019142">https://www.ahajournals.org/doi/full/10.1161/JAHA.120.019142</a>

Precise control of embolic stroke with magnetized red blood cells in mice.	Mouse	Brain	Magnetic nanoparticles induced perinatal arterial ischemic stroke (PAIS)	<a href="https://www.nature.53yu.com/articles/s42003-022-03082-9">https://www.nature.53yu.com/articles/s42003-022-03082-9</a>
Protein arginine methyltransferase 4 modulates nitric oxide synthase uncoupling and cerebral blood flow in Alzheimer's disease	Mouse	Brain	Alzheimer's disease, CBF	<a href="https://onlinelibrary.wiley.com/doi/full/10.1002/jcp.30858">https://onlinelibrary.wiley.com/doi/full/10.1002/jcp.30858</a>
Beneficial effects of neuronal ATF6 activation in permanent ischemic stroke	Mouse	Brain	pMCAO	DOI:10.3389/fncel.2022.1016391
Targeted delivery of edaravone by liposomes for the treatment of ischemic stroke	Mouse	Brain	ischemia	<a href="https://www.futuremedicine.com/doi/abs/10.2217/nnm-2021-0490">https://www.futuremedicine.com/doi/abs/10.2217/nnm-2021-0490</a>
Ferulic acid ameliorates Alzheimer's disease-like pathology and repairs cognitive decline by preventing capillary hypofunction in APP/PS1 mice	Mouse	Brain	Alzheimer's disease, CBF	<a href="https://link.springer.53yu.com/article/10.1007/s13111-021-01024-7">https://link.springer.53yu.com/article/10.1007/s13111-021-01024-7</a>
Nebulization of Low-Dose S-Nitrosoglutathione in Diabetic Stroke Enhances Benefits of Reperfusion and Prevents Post-Thrombolysis Hemorrhage	Mouse	Brain	Diabetes, Stroke	<a href="https://www.mdpi.com/2218-273X/11/11/1587">https://www.mdpi.com/2218-273X/11/11/1587</a>
Transcranial focused ultrasound stimulation reduces vasogenic edema after middle cerebral artery occlusion in mice	Mouse	Brain	ischemia, tMCAO	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8848588/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8848588/</a>
1 $\alpha$ , 25-Dihydroxyvitamin D3 Promotes Angiogenesis After Cerebral Ischemia Injury in Rats by Upregulating the TGF- $\beta$ /Smad2/3 Signaling Pathway	Rat	Brain	ischemia, MCAO	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8966232/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8966232/</a>
SP6616 as a Kv2.1 inhibitor efficiently ameliorates peripheral neuropathy in diabetic mice	Mouse	Sciatic nerve/foot pad	Diabetic mice	<a href="https://www.sciencedirect.com/science/article/pii/S2352396420304370">https://www.sciencedirect.com/science/article/pii/S2352396420304370</a>
Low-intensity focused ultrasound stimulation ameliorates working memory dysfunctions in vascular dementia rats via improving neuronal environment	Rat	Brain	vascular dementia (VD), BCCAO	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8899543/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8899543/</a>
Exercise-induced neuroprotection against cerebral ischemia/reperfusion injury is mediated via alleviating inflammasome-induced pyroptosis	Mouse	Brain	ischemia-reperfusion	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0014488621003605">https://www.sciencedirect.com/science/article/abs/pii/S0014488621003605</a>
Isoflurane and Netrin-1 combination therapy enhances angiogenesis and neurological recovery by improving the expression of HIF-1 $\alpha$ -Netrin-1-UNC5B/VEGF cascade to attenuate cerebral ischemia injury.	Mouse	Brain	ischemia/photocochemical	<a href="https://europepmc.org/article/med/35247371">https://europepmc.org/article/med/35247371</a>
BCR-Associated Protein 31 Regulates Macrophages Polarization and Wound Healing Function via Early Growth Response 2/C/EBP $\beta$ and IL-4R $\alpha$ /C/EBP $\beta$ Pathways	Mouse	flap	Wound healing	<a href="https://journals.aai.org/jimmunol/article/209/6/1059/234101/BCR-Associated-Protein-31-Regulates-Macrophages">https://journals.aai.org/jimmunol/article/209/6/1059/234101/BCR-Associated-Protein-31-Regulates-Macrophages</a>

lncRNA DHFRL1 4 knockdown attenuates cerebral ischemia/reperfusion injury by upregulating the levels of angiogenesis related genes	Mouse	Brain	ischemia-reperfusion	<a href="https://www.spandidos-publications.com/10.3892/ijmm.2022.5164">https://www.spandidos-publications.com/10.3892/ijmm.2022.5164</a>
lncRNA DHFRL1-4 knockdown attenuates cerebral ischemia/reperfusion injury by upregulating the levels of angiogenesis-related genes	Mouse	Brain	DMCAo	<a href="https://www.spandidos-publications.com/10.3892/ijmm.2022.5164">https://www.spandidos-publications.com/10.3892/ijmm.2022.5164</a>
Neural Mechanism Underlying Task-Specific Enhancement of Motor Learning by Concurrent Transcranial Direct Current Stimulation	Mouse	Brain	ischemia-reperfusion	<a href="https://link.springer.com/article/10.1007/s12264-022-00901-1">https://link.springer.com/article/10.1007/s12264-022-00901-1</a>
Dengzhan Xixin injection derived from a traditional Chinese herb Erigeron breviscapus ameliorates cerebral ischemia/reperfusion injury in rats via modulation of mitophagy and mitochondrial apoptosis	Rat	Brain	ischemia, MCAO	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0378874122000228">https://www.sciencedirect.com/science/article/abs/pii/S0378874122000228</a>
Roflumilast, a cyclic nucleotide phosphodiesterase 4 inhibitor, protects against cerebrovascular endothelial injury following cerebral ischemia/reperfusion by activating the Notch1/Hes1 pathway	Rat	Brain	ischemia, MCAO	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0014299922002886">https://www.sciencedirect.com/science/article/abs/pii/S0014299922002886</a>
Neuroprotective effect of salvianolate on cerebral ischaemia-reperfusion injury in rats by inhibiting the Caspase-3 signal pathway	Rat	Brain	MCAO ischaemia-reperfusion	<a href="https://pubmed.ncbi.nlm.nih.gov/31978424/">https://pubmed.ncbi.nlm.nih.gov/31978424/</a>
Pituitary Adenylate Cyclase-Activating Polypeptide Protects Against Cognitive Impairment Caused by Chronic Cerebral Hypoperfusion	Mouse	Brain	BCAS model(bilateral common carotid stenosis)	<a href="https://www.mdpi.com/2076-3921/10/3/354">https://www.mdpi.com/2076-3921/10/3/354</a>
Cervical Vagus Nerve Stimulation Improves Neurologic Outcome After Cardiac Arrest in Mice by Attenuating Oxidative Stress and Excessive Autophagy	Mouse	Brain	ischemia-reperfusion	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1094715921070094">https://www.sciencedirect.com/science/article/abs/pii/S1094715921070094</a>
Nebulization of Low-Dose S-Nitrosoglutathione in Diabetic Stroke Enhances Benefits of Reperfusion and Prevents Post-Thrombolysis Hemorrhage. Biomolecules	Mouse	Brain	ischemia-reperfusion	<a href="https://doi.org/10.3390/biom11111587">https://doi.org/10.3390/biom11111587</a>
Tibial cortex transverse transport accelerates wound healing via enhanced angiogenesis and immunomodulation	Rat	hindlimb	peripheral ischemia	<a href="http://www.letpub.com.cn/index.php?journalid=9719&amp;page=journalapp&amp;view=detail">http://www.letpub.com.cn/index.php?journalid=9719&amp;page=journalapp&amp;view=detail</a>
Systematic Analysis of RNA Expression Profiles in Different Ischemic Cortices in MCAO Mice	Mouse	Brain	ischemia, MCAO	<a href="https://linkspringer.53yu.com/article/10.1007/s10571-022-01220-9">https://linkspringer.53yu.com/article/10.1007/s10571-022-01220-9</a>
Potential Role of Platelet-Activating C-Type Lectin-Like Proteins in Viper Envenomation Induced Thrombotic Microangiopathy Symptom	Mouse	Brain	Envenomation - Snaketherapeutic strategy	<a href="https://doi.org/10.3390/toxins12120749">https://doi.org/10.3390/toxins12120749</a>

Snake C-Type Lectins Potentially Contribute to the Prey Immobilization in <i>Protobothrops mucrosquamatus</i> and <i>Trimeresurus stejnegeri</i> Venoms Mechanically Induced Vasospasm	Mouse	Brain	Toxins and Cerebral Blood Flow	<a href="https://www.mdpi.com/2072-6651/12/2/105">https://www.mdpi.com/2072-6651/12/2/105</a>
Evaluation of Spasmolytic Efficacy of 10 Pharmaceutical Agents Using Laser Speckle Contrast Imaging	Rat	hindlimb	Vasospasm	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/lsm.23347">https://onlinelibrary.wiley.com/doi/abs/10.1002/lsm.23347</a>
Mechanically Induced Vasospasm-Evaluation of Spasmolytic Efficacy of 10 Pharmaceutical Agents Using Laser Speckle Contrast Imaging	Rat	vessel	Vasospasm	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/lsm.23347">https://onlinelibrary.wiley.com/doi/abs/10.1002/lsm.23347</a>
Ischemia Injury induces mPTP opening by reducing Sirt3.	Mouse	Brain	ischemia, MCAO	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0306452221002888">https://www.sciencedirect.com/science/article/abs/pii/S0306452221002888</a>
Dynamic cerebral blood flow changes with FOXOs stimulation are involved in neuronal damage associated with high-altitude cerebral edema in mice	Mouse	Brain	high altitude cerebral edema(HACE), altitude mountain sickness	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0006899322002116">https://www.sciencedirect.com/science/article/abs/pii/S0006899322002116</a>
Ferroptosis is Involved in Hypoxic-ischemic Brain Damage in Neonatal Rats	Rat	Brain	ischemia/phototoxicity	<a href="https://doi.org/10.1016/j.neuroscience.2022.02.013">https://doi.org/10.1016/j.neuroscience.2022.02.013</a>
Activation of the XBP1s/O-GlcNAcylation pathway improves functional outcome after cardiac arrest and resuscitation in young and aged mice	Mouse	Brain	Ischemiacardiac arrest (CA) and resuscitation	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9059164/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9059164/</a>
Cerebral venous hemodynamic responses in a mouse model of traumatic brain injury	Mouse	Brain	TBI	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0006899322002384">https://www.sciencedirect.com/science/article/abs/pii/S0006899322002384</a>
Laser Speckle Flowmetry for the Prognostic Estimation Study of Permanent Focal Ischemia in Mice	Mouse	Brain	ischemia, dMCAO, CCAO	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9514945/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9514945/</a>
Region-specific changes in aquaporin 4 induced by hyperglycemia underlie the differences in cell swelling in the cortex and striatum after cerebral ischemia-reperfusion	Rat	Brain	ischemia-reperfusion	<a href="https://doi.org/10.1016/j.neulet.2021.135885">https://doi.org/10.1016/j.neulet.2021.135885</a>
Dual efficacy of Fasudil at improvement of survival and reinnervation of flap through RhoA/ROCK/PI3K/Akt pathway	Mouse	flap	Flap survival	<a href="https://onlinelibrary.wiley.com/doi/full/10.1111/iwj.13800">https://onlinelibrary.wiley.com/doi/full/10.1111/iwj.13800</a>
Segmental branches emanating from saphenous nerve morphing into sympathetic trunks for innervation of saphenous artery and its clinical implication for arterial sympathectomy	Mouse	hindlimb	Arterial sympathectomy	<a href="https://onlinelibrary.wiley.com/doi/full/10.1111/iwj.13630">https://onlinelibrary.wiley.com/doi/full/10.1111/iwj.13630</a>
Arterial Supercharging Is More Beneficial to Flap Survival Due to Quadruple Dilatation of Venules	Rat	flap	Flap survival	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0022480419307012">https://www.sciencedirect.com/science/article/abs/pii/S0022480419307012</a>
Impact of Diameter of Perforator in Pedicle and Different Managements of Intermediate Non-Pedicle Perforator on Flap Survival in Rats	Rat	flap	Flap survival	<a href="https://www.tandfonline.com/doi/abs/10.1080/08941939.2022.2097345">https://www.tandfonline.com/doi/abs/10.1080/08941939.2022.2097345</a>

Establishment of a hypoxia ischemia reperfusion brain damage model in neonatal rat	Rat	Brain	ischemia-reperfusion	<a href="https://www.biorxiv.org/content/10.1101/2022.01.10.475606v1.abstract">https://www.biorxiv.org/content/10.1101/2022.01.10.475606v1.abstract</a>
M2 macrophage-derived exosomes for DNase 1 delivery to modulate inflammatory microenvironment in ischemic stroke	Mouse	Brain	ischemia	<a href="https://assets.researchsquare.com/files/rs-1736246/v1_covered.pdf?c=1655492731">https://assets.researchsquare.com/files/rs-1736246/v1_covered.pdf?c=1655492731</a>
Activation of PPAR $\beta/\delta$ by DHA induces VEGF-A expression to promote angiogenesis in the cerebral ischemia penumbra	Rat	Brain	ischemia, MCAO	<a href="https://assets.researchsquare.com/files/rs-1499741/v1/04eeb8bd-fd89-4555-a53e-da06e758ff0c.pdf?c=1648776562">https://assets.researchsquare.com/files/rs-1499741/v1/04eeb8bd-fd89-4555-a53e-da06e758ff0c.pdf?c=1648776562</a>
Comparison of ketamine/xylazine and isoflurane anesthesia on the establishment of mouse middle cerebral artery occlusion model	Mouse	Brain	ischemia, anaesthesia	<a href="https://doi.org/10.1538/expanim.22-0131">https://doi.org/10.1538/expanim.22-0131</a>
Acute subdural haematoma exacerbates cerebral blood flow disorder and promotes the development of intraoperative brain bulge in patients with severe traumatic brain injury	Rat	Brain	TBI, SDH, IOBB	<a href="https://europepmc.org/article/ppr/ppr561372">https://europepmc.org/article/ppr/ppr561372</a>
A new model of cerebral ischemia in mice	Mouse	Brain	ischemia stroke	<a href="http://cjcnn.org/index.php/cjcnn/article/view/1882">http://cjcnn.org/index.php/cjcnn/article/view/1882</a>
Szövetpótlásra alkalmas poli (vinil alkohol) sérvháló in vitro és in vivo biokompatibilitási vizsgálatai	Rat	Intestinal	Hernia surgery	<a href="http://old.semmelweis.hu/wp-content/phd/phd_live/vedes/export/feherdaniella.d.pdf">http://old.semmelweis.hu/wp-content/phd/phd_live/vedes/export/feherdaniella.d.pdf</a>