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## Endothelial/pericyte interactions

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1618	Preadministration of high-dose salicylates, suppressors of NF-kappaB activation, may increase the chemosensitivity of many cancers: an example of proapoptotic signal modulation therapy. <b>2006</b> , 5, 252-68		64
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1616	Dual role of macrophages in tumor growth and angiogenesis. <b>2006</b> , 80, 705-13		223
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1614	Angiogenesis: health and disease. <b>2006</b> , 17 Suppl 10, x65-70		24
1613	The ever-elusive endothelial progenitor cell: identities, functions and clinical implications. <b>2006</b> , 59, 26R-32R		65
1612	Heparan sulfate in trans potentiates VEGFR-mediated angiogenesis. <b>2006</b> , 10, 625-34		210
1611	Angiopoietins: a link between angiogenesis and inflammation. <b>2006</b> , 27, 552-8		461
1610	A novel DNA vaccine encoding PDGFRbeta suppresses growth and dissemination of murine colon, lung and breast carcinoma. <b>2006</b> , 24, 6994-7002		32
1609	Pericytes limit tumor cell metastasis. <b>2006</b> , 116, 642-51		269
1608	Vascular and Capillary Endothelium. <b>2006</b> ,		3
1607	Bone marrow mononuclear cells are recruited to the sites of VEGF-induced neovascularization but are not incorporated into the newly formed vessels. <b>2006</b> , 107, 3546-54		130
1606	Hepatocyte growth factor mediates angiopoietin-induced smooth muscle cell recruitment. <b>2006</b> , 108, 1260-6		79
1605	Platelet-derived growth factor receptor-beta promotes early endothelial cell differentiation. <b>2006</b> , 108, 1877-86		70
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1597	Isolation and characterization of ovine luteal pericytes and effects of nitric oxide on pericyte expression of angiogenic factors. <b>2006</b> , 29, 467-76	22
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1558	Transient changes in the localization and activity of ecto-nucleotidases in rat hippocampus following lipopolysaccharide treatment. <b>2007</b> , 25, 275-82		7
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779	From Research to the Clinic: Targeting Stem Cell Pathways in Cancer. <b>2016</b> , 441-457	
778	Natural products against cancer angiogenesis. <b>2016</b> , 37, 14513-14536	64
777	Endosialin-Expressing Pericytes Promote Metastatic Dissemination. <b>2016</b> , 76, 5313-25	33
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774	Endothelin-1 supports clonal derivation and expansion of cardiovascular progenitors derived from human embryonic stem cells. <b>2016</b> , 7, 10774	17



773	LPS causes pericyte loss and microvascular dysfunction via disruption of Sirt3/angiopoietins/Tie-2 and HIF-2/Notch3 pathways. <b>2016</b> , 6, 20931	56
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771	Self-assembly of vascularized tissue to support tumor explants in vitro. <b>2016</b> , 8, 1301-1311	8
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769	Design principles for therapeutic angiogenic materials. <b>2016</b> , 1,	109
768	Lack of adrenomedullin in mouse endothelial cells results in defective angiogenesis, enhanced vascular permeability, less metastasis, and more brain damage. <b>2016</b> , 6, 33495	25
767	Infantile Hemangioma Originates From A Dysregulated But Not Fully Transformed Multipotent Stem Cell. <b>2016</b> , 6, 35811	19
766	The effects of nanotopography and coculture systems to promote angiogenesis for wound repair. <b>2016</b> , 11, 2997-3007	3
765	Discrete adipose-derived stem cell subpopulations may display differential functionality after in vitro expansion despite convergence to a common phenotype distribution. <b>2016</b> , 7, 177	16
764	The restorative role of annexin A1 at the blood-brain barrier. <b>2016</b> , 13, 17	29
763	NG2 Proteoglycan-Dependent Contributions of Pericytes and Macrophages to Brain Tumor Vascularization and Progression. <b>2016</b> , 23, 122-33	31
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761	Folliculostellate cell interacts with pericyte via TGF $\beta$ in rat anterior pituitary. <b>2016</b> , 229, 159-70	10
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754	Three-Dimensional Tissue Models Constructed by Cells with Nanometer- or Micrometer-Sized Films on the Surfaces. <b>2016</b> , 16, 783-96	7
753	Pericytes: A newly recognized player in wound healing. <b>2016</b> , 24, 204-14	55
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751	Emerging Evidence for Pathogenesis of Sporadic Cerebral Small Vessel Disease. <b>2016</b> , 47, 554-60	79
750	Human placental multipotent mesenchymal stromal cells modulate placenta angiogenesis through Slit2-Robo signaling. <b>2016</b> , 10, 66-76	14
749	Adipose-derived stem cells increase angiogenesis through matrix metalloproteinase-dependent collagen remodeling. <b>2016</b> , 8, 205-15	41
748	Chemopreventive agents targeting tumor microenvironment. <b>2016</b> , 145, 74-84	16
747	Delivery of a Cell Patch of Cocultured Endothelial Cells and Smooth Muscle Cells Using Thermoresponsive Hydrogels for Enhanced Angiogenesis. <b>2016</b> , 22, 182-93	15
746	Cerebral small vessel disease: Capillary pathways to stroke and cognitive decline. <b>2016</b> , 36, 302-25	164
745	Characterization of vasculogenic potential of human adipose-derived endothelial cells in a three-dimensional vascularized skin substitute. <b>2016</b> , 32, 17-27	45
744	Cellular and molecular basis of the imbalance between vascular damage and repair in ageing and age-related diseases: As biomarkers and targets for new treatments. <b>2016</b> , 159, 22-30	31
743	Tumor Angiogenesis in Breast Cancer: Pericytes and Maturation Does Not Correlate With Lymph Node Metastasis and Molecular Subtypes. <b>2016</b> , 16, 131-8	10
742	Integrated Vascular Engineering: Vascularization of Reconstructed Tissue. <b>2016</b> , 297-332	3
741	Vascular Engineering. <b>2016</b> ,	3
740	Exosomes from high glucose-treated glomerular endothelial cells activate mesangial cells to promote renal fibrosis. <b>2016</b> , 5, 484-91	59
739	Emerging therapeutic targets in metastatic progression: A focus on breast cancer. <b>2016</b> , 161, 79-96	37
738	Vascular Cell Senescence Contributes to Blood-Brain Barrier Breakdown. <b>2016</b> , 47, 1068-77	103

737	Toward Regenerative Medicine for Muscular Dystrophies. <b>2016</b> , 103-122	
736	Translational Research in Muscular Dystrophy. <b>2016</b> ,	2
735	Extracellular matrix-mediated cellular communication in the heart. <b>2016</b> , 91, 228-37	91
734	In vitro modeling of endothelial interaction with macrophages and pericytes demonstrates Notch signaling function in the vascular microenvironment. <b>2016</b> , 19, 201-15	36
733	Isolation, characterisation and comparative analysis of human umbilical cord vein perivascular cells and cord blood mesenchymal stem cells. <b>2016</b> , 17, 345-52	14
732	Smad signal pathway regulates angiogenesis via endothelial cell in an adipose-derived stromal cell/endothelial cell co-culture, 3D gel model. <b>2016</b> , 412, 281-8	13
731	Revisiting nanoparticle technology for blood-brain barrier transport: Unfolding at the endothelial gate improves the fate of transferrin receptor-targeted liposomes. <b>2016</b> , 222, 32-46	77
730	A Phase 1 Study of Intravitreal E10030 in Combination with Ranibizumab in Neovascular Age-Related Macular Degeneration. <b>2016</b> , 123, 78-85	63
729	Pericytes Promote Malignant Ovarian Cancer Progression in Mice and Predict Poor Prognosis in Serous Ovarian Cancer Patients. <b>2016</b> , 22, 1813-24	21
728	Occludin controls HIV transcription in brain pericytes via regulation of SIRT-1 activation. <b>2016</b> , 30, 1234-46	33
727	Tumor-Priming Smoothed Inhibitor Enhances Deposition and Efficacy of Cytotoxic Nanoparticles in a Pancreatic Cancer Model. <b>2016</b> , 15, 84-93	19
726	Stromal vascular fraction: A regenerative reality? Part 2: Mechanisms of regenerative action. <b>2016</b> , 69, 180-8	76
725	Human in vitro 3D co-culture model to engineer vascularized bone-mimicking tissues combining computational tools and statistical experimental approach. <b>2016</b> , 76, 157-72	55
724	A systematic approach to assess locoregional differences in angiogenesis. <b>2016</b> , 145, 213-25	
723	Eph/ephrin signaling in the kidney and lower urinary tract. <b>2016</b> , 31, 359-71	8
722	Transplantation of three-dimensional artificial human vascular tissues fabricated using an extracellular matrix nanofilm-based cell-accumulation technique. <b>2017</b> , 11, 1303-1307	15
721	Culture media-based selection of endothelial cells, pericytes, and perivascular-resident macrophage-like melanocytes from the young mouse vestibular system. <b>2017</b> , 345, 10-22	5
720	Ang-1 and Ang-2 expression in angiomyolipoma and PEComa family tumors. <b>2017</b> , 14, 154-160	0

719	Phenotypic characterization of perivascular myoid cell neoplasms, using myosin 1B, a newly identified human pericyte marker. <b>2017</b> , 62, 187-198	6
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717	PDGFR $\beta$ Regulates Adipose Tissue Expansion and Glucose Metabolism via Vascular Remodeling in Diet-Induced Obesity. <b>2017</b> , 66, 1008-1021	51
716	Macrophages Influence Vessel Formation in 3D Bioactive Hydrogels. <b>2017</b> , 1, 1600021	20
715	Pericyte modulation by a functional antibody obtained by a novel single-cell selection strategy. <b>2017</b> , 24, e12365	3
714	The Increased Transforming Growth Factor- $\beta$ Signaling Induced by Diabetes Protects Retinal Vessels. <b>2017</b> , 187, 627-638	16
713	Ultrathin transparent membranes for cellular barrier and co-culture models. <b>2017</b> , 9, 015019	43
712	Combined VEGF and PDGF inhibition for neovascular AMD: anti-angiogenic properties of axitinib on human endothelial cells and pericytes in vitro. <b>2017</b> , 255, 963-972	34
711	Stem Cell Therapy in Muscle Degeneration. <b>2017</b> , 55-91	
710	ADAMTS13 controls vascular remodeling by modifying VWF reactivity during stroke recovery. <b>2017</b> , 130, 11-22	57
709	Notch Signaling in Pancreatic Morphogenesis and Pancreatic Cancer Pathogenesis. <b>2017</b> , 1-23	
708	Exploring the Potential of Nanotherapeutics in Targeting Tumor Microenvironment for Cancer Therapy. <b>2017</b> , 126, 109-122	42
707	Gene delivery nanoparticles to modulate angiogenesis. <b>2017</b> , 119, 20-43	46
706	Bitter Melon Extract Promotes Granulation Tissue Growth and Angiogenesis in the Diabetic Wound. <b>2017</b> , 30, 16-26	15
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704	Microfabricated blood vessels undergo neoangiogenesis. <b>2017</b> , 138, 142-152	33
703	Cerebral ischemia/reperfusion injury: From bench space to bedside. <b>2017</b> , 134, 30-37	36
702	Interplay between CCN1 and Wnt5a in endothelial cells and pericytes determines the angiogenic outcome in a model of ischemic retinopathy. <b>2017</b> , 7, 1405	16

701	A subset of cerebrovascular pericytes originates from mature macrophages in the very early phase of vascular development in CNS. <b>2017</b> , 7, 3855	52
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694	Mesenchymal stem cells-derived MFG-E8 accelerates diabetic cutaneous wound healing. <b>2017</b> , 86, 187-197	22
693	Dual role of pericyte $\alpha 1$ -integrin in tumour blood vessels. <b>2017</b> , 130, 1583-1595	18
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691	Alteration of pancreatic carcinoma and promyeloblastic cell adhesion in liver microvasculature by co-culture of hepatocytes, hepatic stellate cells and endothelial cells in a physiologically-relevant model. <b>2017</b> , 9, 350-361	4
690	Tissue Myeloid Progenitors Differentiate into Pericytes through TGF- $\beta$ Signaling in Developing Skin Vasculature. <b>2017</b> , 18, 2991-3004	66
689	Pericytes, an overlooked player in vascular pathobiology. <b>2017</b> , 171, 30-42	105
688	The Translational Significance of the Neurovascular Unit. <b>2017</b> , 292, 762-770	156
687	Evodiamine Prevents Isoproterenol-Induced Cardiac Fibrosis by Regulating Endothelial-to-Mesenchymal Transition. <b>2017</b> , 83, 761-769	15
686	Microvasculature remodeling in the mouse lower gut during inflammaging. <b>2017</b> , 7, 39848	15
685	Non-reconstructable peripheral vascular disease of the lower extremity in ten patients treated with adipose-derived stromal vascular fraction cells. <b>2017</b> , 18, 14-21	32
684	Ang-2 but not Ang-1 expression in perivascular soft tissue tumors. <b>2017</b> , 14, 147-153	2

683	Establishment of in vitro model of erectile dysfunction for the study of high-glucose-induced angiopathy and neuropathy. <b>2017</b> , 5, 327-335	12
682	IGF-1 promotes angiogenesis in endothelial cells/adipose-derived stem cells co-culture system with activation of PI3K/Akt signal pathway. <b>2017</b> , 50,	38
681	Engineering of an angiogenic niche by perfusion culture of adipose-derived stromal vascular fraction cells. <b>2017</b> , 7, 14252	14
680	Targeting Cx40 (Connexin40) Expression or Function Reduces Angiogenesis in the Developing Mouse Retina. <b>2017</b> , 37, 2136-2146	18
679	MicroRNA-126 inhibits cell viability and invasion in a diabetic retinopathy model via targeting IRS-1. <b>2017</b> , 14, 4311-4318	21
678	KLF4-dependent perivascular cell plasticity mediates pre-metastatic niche formation and metastasis. <b>2017</b> , 23, 1176-1190	105
677	Increased PD-L1 expression and IL-6 secretion characterize human lung tumor-derived perivascular-like cells that promote vascular leakage in a perfusable microvasculature model. <b>2017</b> , 7, 10636	28
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673	Dynamics of angiogenesis in ischemic areas of the infarcted heart. <b>2017</b> , 7, 7156	47
672	Three-dimensional biomimetic vascular model reveals a RhoA, Rac1, and -cadherin balance in mural cell-endothelial cell-regulated barrier function. <b>2017</b> , 114, 8758-8763	71
671	Emerging vascular endothelial growth factor antagonists to treat neovascular age-related macular degeneration. <b>2017</b> , 22, 235-246	57
670	Design of nanocarriers based on complex biological barriers in vivo for tumor therapy. <b>2017</b> , 15, 56-90	79
669	Penile neurovascular structure revisited: immunohistochemical studies with three-dimensional reconstruction. <b>2017</b> , 5, 964-970	5
668	Comparison of different culture conditions for smooth muscle cell differentiation of human umbilical cord vein CD146+ perivascular cells. <b>2017</b> , 18, 501-511	4
667	Tissue Engineering the Vascular Tree. <b>2017</b> , 23, 505-514	27
666	Salvianolic acids enhance cerebral angiogenesis and neurological recovery by activating JAK2/STAT3 signaling pathway after ischemic stroke in mice. <b>2017</b> , 143, 87-99	40

665	Influence of rabbit notochordal cells on symptomatic intervertebral disc degeneration: anti-angiogenic capacity on human endothelial cell proliferation under hypoxia. <b>2017</b> , 25, 1738-1746	23
664	A high-yield isolation and enrichment strategy for human lung microvascular endothelial cells. <b>2017</b> , 7, 108-116	9
663	Quantitative assessment of angiogenesis and pericyte coverage in human cell-derived vascular sprouts. <b>2017</b> , 37, 2	32
662	Dual Antagonism of PDGF and VEGF in Neovascular Age-Related Macular Degeneration: A Phase IIb, Multicenter, Randomized Controlled Trial. <b>2017</b> , 124, 224-234	81
661	Priming of endothelial colony-forming cells in a mesenchymal niche improves engraftment and vasculogenic potential by initiating mesenchymal transition orchestrated by NOTCH signaling. <b>2017</b> , 31, 610-624	31
660	Adipose tissue-derived stem cells ameliorates dermal fibrosis in a mouse model of scleroderma. <b>2017</b> , 10, 52-56	12
659	Increased cortical capillary transit time heterogeneity in Alzheimer's disease: a DSC-MRI perfusion study. <b>2017</b> , 50, 107-118	47
658	Pericytes as Inducers of Rapid, Matrix Metalloproteinase-9-Dependent Capillary Damage during Ischemia. <b>2017</b> , 37, 129-140	99
657	Wnt7b Signaling from the Ureteric Bud Epithelium Regulates Medullary Capillary Development. <b>2017</b> , 28, 250-259	12
656	Progression of chronic kidney disease: too much cellular talk causes damage. <b>2017</b> , 91, 552-560	69
655	Stromal contributions to the carcinogenic process. <b>2017</b> , 56, 1199-1213	28
654	Skeletal and cardiac muscle pericytes: Functions and therapeutic potential. <b>2017</b> , 171, 65-74	55
653	Gli1 Pericyte Loss Induces Capillary Rarefaction and Proximal Tubular Injury. <b>2017</b> , 28, 776-784	82
652	Concise Review: The Use of Adipose-Derived Stromal Vascular Fraction Cells and Platelet Rich Plasma in Regenerative Plastic Surgery. <b>2017</b> , 35, 117-134	86
651	Lumbar sympathectomy regulates vascular cell turnover in rat hindfoot plantar skin. <b>2017</b> , 67, 149-157	1
650	Tumor Immune Microenvironment in Cancer Progression and Cancer Therapy. <b>2017</b> ,	6
649	Dickkopf2 rescues erectile function by enhancing penile neurovascular regeneration in a mouse model of cavernous nerve injury. <b>2017</b> , 7, 17819	5
648	Molecular Regulation of Sprouting Angiogenesis. <b>2017</b> , 8, 153-235	29

647	Immunotherapeutic Targeting of Tumor-Associated Blood Vessels. <b>2017</b> , 1036, 191-211	11
646	Pericytes: The Role of Multipotent Stem Cells in Vascular Maintenance and Regenerative Medicine. <b>2018</b> , 1079, 69-86	16
645	Phenotypic and Functional Mapping of Mesenchymal Stem Cells Harvested from Different Portions of the Human Arterial Tree. <b>2017</b> ,	
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643	Homocysteine Facilitates Prominent Polygonal Angiogenetic Networks of a Choroidal Capillary Sprouting Model. <b>2017</b> , 58, 4332-4343	2
642	Diabetes and Wound Angiogenesis. <b>2017</b> , 18,	284
641	Blood-Brain Barrier Dysfunction and the Pathogenesis of Alzheimer's Disease. <b>2017</b> , 18,	169
640	Tissue Engineering Approaches in the Design of Healthy and Pathological Tissue Models. <b>2017</b> , 5, 40	102
639	Engineering Niches for Skin and Wound Healing. <b>2017</b> , 559-579	2
638	NG2 Proteoglycan Enhances Brain Tumor Progression by Promoting Beta-1 Integrin Activation in both Cis and Trans Orientations. <b>2017</b> , 9,	21
637	The Pharmaceutical Device Prisma Skin Promotes in Vitro Angiogenesis through Endothelial to Mesenchymal Transition during Skin Wound Healing. <b>2017</b> , 18,	19
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635	Characterization of the Tumor Microenvironment and Tumor-Stroma Interaction by Non-invasive Preclinical Imaging. <b>2017</b> , 7, 3	57
634	In Vitro CNS Models. <b>2017</b> , 151-185	1
633	Platelet-Rich Plasma as an Autologous and Proangiogenic Cell Delivery System. <b>2017</b> , 2017, 1075975	11
632	Angiogenic Capacity of Dental Pulp Stem Cell Regulated by SDF-1-CXCR4 Axis. <b>2017</b> , 2017, 8085462	19
631	Localization of VEGF to Vascular ECM Is an Important Aspect of Tumor Angiogenesis. <b>2017</b> , 9,	5
630	3.15 Cell Culture Systems for Studying Biomaterial Interactions With Biological Barriers. <b>2017</b> , 295-334	



629	A novel role of cellular interactions in vascular calcification. <b>2017</b> , 15, 95	40
628	Angiogenic potency evaluation of cell therapy candidates by a novel application of the in vitro aortic ring assay. <b>2017</b> , 8, 184	12
627	Cardiotoxic Effects of Anti-VEGFR Tyrosine Kinase Inhibitors. <b>2017</b> , 69-89	3
626	The Significance of SDF-1/CXCR4 Axis in Angiogenic Ability of Human Periodontal Ligament Stem Cells. <b>2017</b> , 40, 386-392	20
625	Evaluation of the toxic effects of celecoxib on Xenopus embryo development. <b>2018</b> , 501, 329-335	3
624	The Pericyte of the Pancreatic Islet Regulates Capillary Diameter and Local Blood Flow. <b>2018</b> , 27, 630-644.e4	79
623	Diabetic retinopathy and endothelin system: microangiopathy versus endothelial dysfunction. <b>2018</b> , 32, 1157-1163	41
622	Neuroimmune Axes of the Blood-Brain Barriers and Blood-Brain Interfaces: Bases for Physiological Regulation, Disease States, and Pharmacological Interventions. <b>2018</b> , 70, 278-314	134
621	Resistance to Inhibitors of Angiogenesis. <b>2018</b> , 211-236	2
620	Basic Components of Vascular Connective Tissue and Extracellular Matrix. <b>2018</b> , 81, 95-127	22
619	Neurovascular dysfunction in dementia - human cellular models and molecular mechanisms. <b>2018</b> , 132, 399-418	15
618	Antenatal Corticosteroids: Who Should We Be Treating?. <b>2018</b> , 45, 181-198	4
617	Pulmonary vascular development in congenital diaphragmatic hernia. <b>2018</b> , 27,	17
616	A 3D in vitro pericyte-supported microvessel model: visualisation and quantitative characterisation of multistep angiogenesis. <b>2018</b> , 6, 1085-1094	18
615	Seizure progression and inflammatory mediators promote pericytosis and pericyte-microglia clustering at the cerebrovasculature. <b>2018</b> , 113, 70-81	40
614	The protective effect of pentoxifylline versus silymarin on the pancreas through increasing adenosine by CD39 in a rat model of liver cirrhosis: Pharmacological, biochemical and histological study. <b>2018</b> , 651, 9-22	5
613	Glomeruloid Microvascular Proliferation, Desmoplasia, and High Proliferative Index as Potential Indicators of High Grade Canine Choroid Plexus Tumors. <b>2018</b> , 55, 391-401	9
612	The material and biological characteristics of osteoinductive calcium phosphate ceramics. <b>2018</b> , 5, 43-59	120

611	Smooth muscle cells of intracranial vessels: from development to disease. <b>2018</b> , 114, 501-512	29
610	Cathepsin D plays a role in endothelial-pericyte interactions during alteration of the blood-retinal barrier in diabetic retinopathy. <b>2018</b> , 32, 2539-2548	10
609	TGF $\beta$ signaling reinforces pericyte properties of the non-endocrine mouse pituitary cell line TtT/GF. <b>2018</b> , 371, 339-350	7
608	$\beta$ Adrenergic receptor agonists attenuate pericyte loss in diabetic retinas through Akt activation. <b>2018</b> , 32, 2324-2338	24
607	Cellular and molecular pathways of renal repair after acute kidney injury. <b>2018</b> , 93, 27-40	99
606	Crossing the blood-brain barrier with nanoparticles. <b>2018</b> , 270, 290-303	324
605	Chemotherapy-induced metastasis: mechanisms and translational opportunities. <b>2018</b> , 35, 269-284	60
604	Dynamic Remodeling of Pericytes In Vivo Maintains Capillary Coverage in the Adult Mouse Brain. <b>2018</b> , 22, 8-16	102
603	Microvascular Mural Cell Organotypic Heterogeneity and Functional Plasticity. <b>2018</b> , 28, 302-316	52
602	Molecular mechanisms underlying therapeutic potential of pericytes. <b>2018</b> , 25, 21	50
601	Combined VEGF/PDGF inhibition using axitinib induces $\alpha$ BMA expression and a pro-fibrotic phenotype in human pericytes. <b>2018</b> , 256, 1141-1149	9
600	Notch Signaling in Pancreatic Morphogenesis and Pancreatic Cancer Pathogenesis. <b>2018</b> , 457-479	
599	Human Glioblastoma-Derived Mesenchymal Stem Cell to Pericytes Transition and Angiogenic Capacity in Glioblastoma Microenvironment. <b>2018</b> , 46, 279-290	27
598	Resistance to Anti-Cancer Therapeutics Targeting Receptor Tyrosine Kinases and Downstream Pathways. <b>2018</b> ,	1
597	Deregulated angiogenesis in chronic lung diseases: a possible role for lung mesenchymal progenitor cells (2017 Grover Conference Series). <b>2018</b> , 8, 2045893217739807	8
596	Targeting Pericytes to Improve Wound Healing Outcomes. <b>2018</b> , 6, 117-123	2
595	M0 and M2 Macrophages Enhance Vascularization of Tissue Engineering Scaffolds. <b>2018</b> , 4, 51-61	16
594	Plasma homocysteine levels are associated with macular thickness in type 2 diabetes without diabetic macular edema. <b>2018</b> , 38, 737-746	11

593	Imbalance between pro-apoptotic and pro-survival factors in human retinal pericytes in diabetic-like conditions. <b>2018</b> , 96, e19-e26	8
592	Cerebrovascular heterogeneity and neuronal excitability. <b>2018</b> , 667, 75-83	20
591	Tumor necrosis factor- $\alpha$ levels and non-surgical bleeding in continuous-flow left ventricular assist devices. <b>2018</b> , 37, 107-115	36
590	Occludin regulates glucose uptake and ATP production in pericytes by influencing AMP-activated protein kinase activity. <b>2018</b> , 38, 317-332	25
589	Pharmacological inhibition of heparin-binding EGF-like growth factor promotes peritoneal angiogenesis in a peritoneal dialysis rat model. <b>2018</b> , 22, 257-265	6
588	Developing Raman spectroscopy as a diagnostic tool for label-free antigen detection. <b>2018</b> , 11, e201700028	4
587	Prevascularization of natural nanofibrous extracellular matrix for engineering completely biological three-dimensional prevascularized tissues for diverse applications. <b>2018</b> , 12, e1325-e1336	18
586	PDGFs and their receptors in vascular stem/progenitor cells: Functions and therapeutic potential in retinal vasculopathy. <b>2018</b> , 62, 22-32	6
585	An Accessible Organotypic Microvessel Model Using iPSC-Derived Endothelium. <b>2018</b> , 7, 1700497	34
584	Endothelium at a Glance. <b>2018</b> ,	1
583	Nuclear Deformation During Neutrophil Migration at Sites of Inflammation. <b>2018</b> , 9, 2680	19
582	It Takes Two: Endothelial-Perivascular Cell Cross-Talk in Vascular Development and Disease. <b>2018</b> , 5, 154	68
581	Role of Stem Cells and Extracellular Matrix in the Regeneration of Skeletal Muscle. <b>2018</b> ,	3
580	Biophysical Regulation of Vascular Differentiation and Assembly. <b>2018</b> ,	1
579	Cerebral Small Vessel Disease: A Review Focusing on Pathophysiology, Biomarkers, and Machine Learning Strategies. <b>2018</b> , 20, 302-320	113
578	The NG2 Proteoglycan in Pericyte Biology. <b>2018</b> , 1109, 5-19	28
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367	Intranasal Insulin Treatment Attenuates Metabolic Distress and Early Brain Injury After Subarachnoid Hemorrhage in Mice. <b>2021</b> , 34, 154-166	4
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364	Interplay between perivascular and perineuronal extracellular matrix remodelling in neurological and psychiatric diseases. <b>2021</b> , 53, 3811-3830	6
363	Incomplete response to Anti-VEGF therapy in neovascular AMD: Exploring disease mechanisms and therapeutic opportunities. <b>2021</b> , 82, 100906	27
362	Implementation of Pericytes in Vascular Regeneration Strategies. <b>2021</b> ,	3
361	SCAP knockout in SM22 <sup>ECre</sup> mice induces defective angiogenesis in the placental labyrinth. <b>2021</b> , 133, 111011	2
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351	Biomimetic Models of the Microcirculation for Scientific Discovery and Therapeutic Testing. <b>2021</b> , 1-23	
350	Three-Dimensional Reconstruction of Neurovascular Network in Whole Mount Preparations and Thick-Cut Transverse Sections of Mouse Urinary Bladder. <b>2021</b> , 39, 131-138	2
349	Pathology of the Initial Lymph Vessels in Lymphedematous Skin. <b>2021</b> , 93-98	
348	Skeletal Muscle-Resident Pericyte Responses to Conditions of Use and Disuse. <b>2021</b> , 203-217	
347	Adrenomedullin: A vasoactive agent for sporadic and hereditary vascular cognitive impairment. <b>2021</b> , 2, 100007	0
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345	Genetics of Vascular Malformations. <b>2021</b> , 261-274	
344	In Vivo Optical Imaging and Manipulation of Brain Pericytes. <b>2021</b> , 1-37	1
343	ERK1/2 inhibition reduces vascular calcification by activating miR-126-3p-DKK1/LRP6 pathway. <b>2021</b> , 11, 1129-1146	7
342	Co-culture Systems for Vasculogenesis. <b>2021</b> , 385-413	



341	20-HETE-promoted cerebral blood flow autoregulation is associated with enhanced $\beta$ -smooth muscle actin positive cerebrovascular pericyte contractility.	0
340	The dual role of Natural Killer cells during tumor progression and angiogenesis: Implications for tumor microenvironment-targeted immunotherapies. <b>2021</b> , 305-347	
339	Vascularization in 3D Cell Culture. <b>2021</b> , 125-145	
338	Transcriptional profiling of mouse cavernous pericytes under high-glucose conditions: Implications for diabetic angiopathy. <b>2021</b> , 62, 100-110	1
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313	Single cell dual-omics reveals the transcriptomic and epigenomic diversity of cardiac non-myocytes. <b>2021</b> ,	5
312	A dual-ink 3D printing strategy to engineer pre-vascularized bone scaffolds in-vitro. <b>2021</b> , 123, 111976	9
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