

Chemokine Receptor Ccr-1 Recruits Host-derived Intimal Smooth Muscle-like Cell In Graft Arterial Disease

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Application Of A Biodegradable Polymer Wrap To Engineer Compliance-matched Arterial Vein Grafts

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Influence Of Leftward Suprarenal Aortic Motion And Curvature On The Location And Shape Of Murine Aneurysms

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Alpha-gal Removal Assay: A Tool For Evaluation Of Biocompatible Xenogeneic Heart Valve Substitutes

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Role Of Pathologic Hemodynamic Alterations In Aortic Valve Endothelial Activation

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Role Of Pathologic Hemodynamic Alterations In Aortic Valve Endothelial Activation

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Controlling Collagen Formation And Organization In Engineered Cardiovascular Tissues

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Echocardiographic Assessment Of 15 Month Follow-up Of Tricol Decellularized Valves Implanted In The Pulmonary Outflow Tract Of Vietnamese Pigs

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A Vascular Paint To Coat And Treat Atherosclerotic Plaques

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Matrix Synthesis And Cell Deformation Behavior In Engineered Heart Valve Scaffolds

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In Situ Estimation Of Extracellular Matrix Stiffness-interstitial Cell Mechanical Coupling In The Aortic Heart Valve Leaflet

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Engineering Neuregulin To Bias ErbB Signaling For Enhanced Cardiovascular Therapy

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Disrupted Collagen Homeostasis In Thoracic Aortic Aneurysms In Patients With Bicuspid Aortic Valve

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Aquaporin1, Transendothelial Water Transport And Possible Connection To Early Atherosclerosis

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Anti-thrombogenic Semprus Surfaces After Long-term Exposure With Serum And Lock Solution

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Thrombospondin Gene Variations And Its Phenotypic Effects On Coronary Artery Disease

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Differentiation Of Abdominal Aortic Aneurysm Geometry: A Tool For Rupture Risk Assessment

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In Vitro Cardiomyogenic Potential of Human Amniotic Fluid Stem Cells

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Longitudal MR Imaging Of Human Amniotic Fluid Stem Cells Injected Into Mouse Heart

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The Fate Of An Endothelium Layer After Preconditioning; An In Vitro and In Vivo Analysis

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Imaging Vasculogenesis An A Co-culture Of Fluorescently Labeled Endothelial Cells Pericytes And Myoblasts In Vitro

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Comparison Of Disturbed Flow And Laminar Flow On Tissue Factor (tf) Rna Expression In Huvec

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Discovery Of Shear-regulated And Side-specific Mirnas And Mrnas In Human Aortic Valvular Endothelial Cells

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Reduced Protein Deposition On Heparinized Cbas-eptfe Vascular Grafts: A Mechanism For In Vivo Persistence Of Heparin Bioactivity

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Spatially Regulated Angiogenesis Via Simultaneous Delivery Of Stimulatory And Inhibitory Factors

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Regulates The Degree Of Osteogenesis In Vascular Smooth Muscle Cells Under Hyperglycemic Conditions By Activating The Elr1 Receptor

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Cyclic Stretch Induces Alignment And Differentiation Of Mitral Valve Endothelial Cells

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A20 Inhibits Angiogenesis And Promotes The Pro-survival Pi3k/akt Pathway In Endothelial Cells

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New Method For In Vivo Non-invasive Vascular Graft Compliance Measurement

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Add-on Endothelin Type A Receptor Antagonist To Ace Inhibitor Provides Reno And Cardio Protection In Advanced Type 2 Diabetes In Rats

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Analysis Of Proteins Associated With The Carmeda Bioactive Surface After Acute Blood Contact

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Development Of A Biomimetic Vascular Surface By The Sequential Co-immobilization Of Thrombomodulin And Endothelial Protein C Receptor

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Mechanical Properties Of Tissue-engineered Vascular Constructs Produced Using Arterial Or Venous Cell Sources

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Translation To Higher Throughput: An In Vitro, Combination Contractility And Electrophysiological Assay

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Microfabrication And Demonstration Of A Multi-layered Cardiac Tissue Engineering Scaffold

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Development Of Tough Elastomeric Scaffolds For Cardiovascular Tissue Engineering

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Porous Scaffold-mediated Vascularization For Applications In Heart Repair

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Characterization Of Ultrasmall Superparamagnetic Iron Oxide Nanoparticles For Noninvasive Monitoring Of Inflammation In Tissue Engineered Vascular Grafts By Magnetic Resonance Imaging

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Evaluation Of A Novel Thoracic Aorta Stent Device In A Sheep Model

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Improved Endothelialization Of Small-diameter Vascular Grafts By Protein Coating

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Assessment Of A Biodegradable Synthetic Vascular Prosthesis In The Pig Carotid Artery Model

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Pathophysiologic Basis And Implications Of Degenerative Changes In Medtronic Freestyle Aortic Root Bioprostheses

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A Novel In Vitro Model Of Vein Graft Adaptation

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Hypothetical Size Optimization Of A Constricting External Vascular Mesh For Coronary Artery Bypass Surgery

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Use Of A Devitalized Tissue-engineered Scaffold To Produce Vascular Media Substitutes With Improved Mechanical Properties

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Induced Elastin Regeneration In 3-d Collagen Constructs

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Microcrimped Collagen Scaffolds Mimic The Mechanical Response Of Valve Leaflet Biomaterials

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Elastogenic Stimulation Of Smcs Derived From Cacl₂ And Elastase Perfusion Models Of Abdominal Aortic Aneurysms

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The Role Of Tgfbeta And Cox-2 In Human Veingraft Arterialization And Stenosis

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Metallothioneins In The Endothelial Cell Response To Shear Stress

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Directed 3d Cell Alignment And Elongation In Microengineered Gelatin Methacrylate Hydrogels Via An MMP-dependent Mechanism

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Partial Loss Of A20 (Tnfaip3) Promotes Resistance To Abdominal Aortic Aneurysms

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Differentiating Between Transanastomotic And Transmural Endothelialization: An Isolation-loop-graft Model In The Rat

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Trilayered Electrospun Small Diameter Vascular Grafts In Vitro Characterization

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Osseous Metaplasia In Calcific Aortic Valve Disease: Role Of Gender And Congenitally Bicuspid Valves

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Induced Regeneratability Of Elastic Matrix In Doxycycline-stabilized Vascular Microenvironments

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Mechanosensitivity Of Human Adult Mesenchymal Stem Cells To Vascular-relevant Applied Physical Forces

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Time-series Study Of Association Between Geometric Change And Hemodynamics Of Human Lower Extremity Vein Bypass Graft

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Cardiovascular Remodelling During Pregnancy

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Efficient Delivery Of Mesenchymal Stem Cells To The Beating Heart

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Epicardial Extracellular Matrix Environment Specifies Cell Fate

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Engineering Microvascular Networks To Promote Adipogenesis

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Substantial Expression Of Mature Elastin In Arterial Constructs

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Analysis Of The Regenerative Potential Of Vascular Grafts Incorporated With Platelet Rich Plasma

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Targeting Of Nanoparticles To Ischemia For Therapeutic Angiogenesis

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The Potential Role Of Toll-like Receptor 2 In Peripheral Arterial Disease

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ARA 290, A Nonerythropoietic Tissue Protective Peptide Derived From Erythropoietin Has A Potential Role In Treatment Of Peripheral Arterial Disease

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Endothelialization Of Reversibly Stabilized Heart Valve Scaffolds In A Pulsatile Bioreactor

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Diabetes Alters Stem Cells And Scaffolds Used In Heart Valve Tissue Engineering

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Fluid Flow And Tgf- β 1 Effects On Smad2 Signaling In Haec Cultures Exposed To Prolonged Shear Stress: A Role In Atheroprotection?

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Vegf-fixed Surface For In Situ Capture Of Endothelial Progenitor Cells

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Seeding Of Acellular Porcine Ureteric Scaffold For Tissue Engineering Small Diameter Vessels

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Neomycin Based Carbodiimide Crosslinking As An Alternative To Glutaraldehyde For Fixation Of Bioprosthetic Heart Valves

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Modulation Of Mast Cell Adhesion And Cytokine Secretion On Electrospun Bioresorbable Vascular Grafts

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Inhibition And Reversal Of Osteogenic Differentiation Of TNF α ; Activated RASMCs By Pentagalloylglucose

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Serotonergic Antagonist As A Novel Therapeutic For Heart Valve Disease

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Development Of An Innovative Endovascular Stent-graft For Aortic Aneurysms Using A Nanocomposite Polymer

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The Role Of The Scavenger Receptor Lox-1 In The Internalisation Of Oxidised Ldl

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An Arginine Incorporated Nanocomposite Polymer For Vascular Bypass Grafts

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Tissue Engineered Blood Vessels Fabricated From Decellularized Porcine Arteries Repopulated With Xenogeneic Ecs And Smcs

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The Role Of Notch Signaling In Ec Akt And Erk Phosphorylation In Response To Smc-released Factors

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