

Vasa Vasorum

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Recent Publications on Vasa Vasorum:

- [Morphological features of vasa vasorum in pathologically changed human great saphenous vein and its tributaries.](#)
*BACKGROUND: The question whether the primary increase of vasa vasorum (VV)...*23rd August, 2008
Department of Anatomy of the Third Faculty of Medicine, Charles University- Vasa. 2008
May;37(2):127-36. ([DOI Direct Link](#))
- [Advanced Glycation End Products Accumulate in Vascular Smooth Muscle and Modify Vascular but Not Ventricular Properties in Elderly Hypertensive Canines.](#)
*BACKGROUND: -Advanced glycation end products (AGEs) are believed to...*20th August, 2008
Cardiorenal Research Laboratory, Mayo Clinic, Rochester, Minn.- Circulation. 2008 Aug 18. ([DOI Direct Link](#))
- [Mild inflammatory activation of mammary arteries in patients with acute coronary syndromes.](#)
*Acute coronary syndromes (ACS) are characterized by multiple unstable...*16th August, 2008
Clinical Cardiovascular Biology Laboratory and Cardiac Surgery Unit,- Am J Physiol Heart Circ Physiol. 2008 Jun;294(6):H2831-7. Epub 2008 Apr ([DOI Direct Link](#))
- [Imaging of the vasa vasorum.](#)
*Neovascularization of the arterial walls by adventitial vasa vasorum...*25th July, 2008
Skirball Center for Cardiovascular Research, Cardiovascular Research- Nat Clin Pract Cardiovasc Med. 2008 Aug;5 Suppl 2:S18-25. ([DOI Direct Link](#))
- [Contrast-enhanced ultrasound imaging of intraplaque neovascularization in carotid arteries: correlation with histology and plaque echogenicity.](#)
*OBJECTIVES: This study was designed to evaluate contrast-enhanced...*12th July, 2008
Department of Cardiothoracic and Vascular Diseases, University- J Am Coll Cardiol. 2008 Jul 15;52(3):223-30. ([DOI Direct Link](#))
- [Inflammatory angiogenesis in atherogenesis-a double-edged sword.](#)
*The adventitia and the outer layers of media of an atherosclerosis-prone...*9th July, 2008
Department of Human Anatomy and Histology, University of Bari Medical- Ann Med. 2008 Jun 26:1-16. ([DOI Direct Link](#))
- [Vasa vasorum and molecular imaging of atherosclerotic plaques using nonlinear contrast intravascular ultrasound.](#)
*The adventitia and the outer layers of media of an atherosclerosis-prone...*8th July, 2008
Biomedical Engineering Department, Erasmus Medical Centre, Rotterdam, the- Neth Heart J. 2007 Feb;15(2):77-80.
- [Effect of blood viscosity on oxygen transport in residual stenosed artery following angioplasty.](#)

- The effect of blood viscosity on oxygen transport in a stenosed coronary...*28th June, 2008
Department of Mechanical Engineering, University of Cincinnati,- J Biomech Eng. 2008
Feb;130(1):011003. ([DOI Direct Link](#))
- [Avastin-eluting stent: long-term angiographic and clinical follow up.](#)
*The detection of atheromatous lesions in patients with coronary artery...*12th June, 2008
First Department of Cardiology, Athens Medical School, Athens, Greece.- Hellenic J Cardiol. 2008
May-Jun;49(3):188-90.
 - [A Systemic Combination Therapy with Granulocyte-Colony Stimulating Factor Plus Erythropoietin Aggravates the Healing Process of Balloon-Injured Rat Carotid Arteries.](#)
*OBJECTIVE: Percutaneous vascular interventions lead inevitably to a...*6th June, 2008
Department of Internal Medicine II, Regensburg University Medical Center,- Cardiovasc Drugs Ther. 2008 Jun 5. ([DOI Direct Link](#))
 - [MR imaging of adventitial vasa vasorum in carotid atherosclerosis.](#)
*Vasa vasorum in the adventitia of atherosclerotic arteries may play a role...*5th June, 2008
Department of Radiology, University of Washington, Seattle, Washington,- Magn Reson Med. 2008
Mar;59(3):507-14. ([DOI Direct Link](#))
 - [Tissue-engineered endothelial and epithelial implants differentially and synergistically regulate airway repair.](#)
*The trilaminar vascular architecture provides biochemical regulation and...*29th May, 2008
Harvard-Massachusetts Institute of Technology Division of Health Sciences- Proc Natl Acad Sci U S A. 2008 May 13;105(19):7046-51. Epub 2008 May 5. ([DOI Direct Link](#))
 - [In-vivo imaging of carotid plaque neoangiogenesis with contrast-enhanced harmonic ultrasound.](#)
*We describe a case where a mild carotid atherosclerotic plaque was...*23rd May, 2008
Unit of Biomedical Engineering, 1st Dept. of Cardiology, Medical School,- Int J Cardiol. 2008 May 19. ([DOI Direct Link](#))
 - [3-Deazaadenosine inhibits vasa vasorum neovascularization in aortas of ApoE\(-\)/LDL\(-\) double knockout mice.](#)
*BACKGROUND: Atherosclerosis and inflammation/angiogenesis are strongly...*23rd May, 2008
Department of Radiology, Justus-Liebig University Giessen, Klinikstr. 36,- Atherosclerosis. 2008 Apr 16. ([DOI Direct Link](#))
 - [Calcitonin receptor immunoreactivity associated with specific cell types in diseased radial and internal mammary arteries.](#)
*AIMS: To determine and quantify calcitonin receptor (CTR) immunoreactivity...*18th April, 2008
Departments of Cardiology, Medicine (University of Melbourne), and Cardiac- Histopathology. 2008
Apr;52(5):605-12. ([DOI Direct Link](#))

Vasa Vasorum Patents:



- 6607740- [Enzyme-mediated modification of fibrin for tissue engineering](#)
- 6794192- [Target](#)
- 6844333- [Method of treating atherosclerosis](#)
- 6858222- [Fabrication of drug loaded biodegradable polymer fibers](#)
- 6951890- [Preventing and/or treating cardiovascular disease and/or associated heart failure](#)
- 6955681- [Transmyocardial revascularization system and method of use](#)

- 6960452- [Enzyme-mediated modification of fibrin for tissue engineering: incorporation of proteins](#)
- 6962584- [Electromagnetic photonic catheter for reducing restenosis](#)
- 6991617- [Vascular treatment method and device](#)
- 7033603- [Drug releasing biodegradable fiber for delivery of therapeutics](#)
- 7064130- [Use of radical-scavenging compounds for treatment and prevention of NO-dependent microcirculation disorders](#)
- 6759431- [Compositions and methods for treating or preventing diseases of body passageways](#)
- 6759386- [Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease](#)
- 6752987- [Adenovirus encoding human adenylylcyclase \(AC\) VI](#)
- 6613084- [Stent having cover with drug delivery capability](#)
- 6663881- [Therapeutic inhibitor of vascular smooth muscle cells](#)
- 6666892- [Multi-formed collagenous biomaterial medical device](#)
- 6682728- [Efficient and selective adenoviral-mediated gene transfer into vascular neointima](#)
- 6689099- [Local drug delivery injection catheter](#)
- 6689803- [Compositions and methods for treating surgical adhesions](#)
- 6706274- [Differential delivery of nitric oxide](#)
- 6709427- [Systems and methods for delivering agents into targeted tissue of a living being](#)
- 6720350- [Therapeutic inhibitor of vascular smooth muscle cells](#)
- 6740678- [Method of treatment of cardiovascular injuries](#)
- 7091179- [Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease](#)
- 7097658- [Flexible MEMS actuated controlled expansion stent](#)
- 7247609- [Growth factor modified protein matrices for tissue engineering](#)
- 7255875- [Integrin targeted imaging agents](#)
- 7273890- [ST104P, an anti-angiogenic agent](#)
- 7285530- [Use of SERP-1 as an antiplatelet agent](#)
- 7288521- [Growth factor therapy mobilization of stem cells into the peripheral blood](#)
- 7291597- [Growth factor therapy mobilization of stem cells into the peripheral blood](#)
- 7297343- [Bioactive medical films](#)
- 7338517- [Tissue scaffold having aligned fibrils and artificial tissue comprising the same](#)
- 7344698- [Integrin targeted imaging agents](#)
- 7390821- [Methods of reducing angiogenesis](#)
- 7241730- [Enzyme-mediated modification of fibrin for tissue engineering: fibrin formulations with peptides](#)
- 7238369- [Cationic liposome delivery of taxanes to angiogenic blood vessels](#)
- 7235236- [Polynucleotide encoding human adenylylcyclase VI and uses thereof for enhancing cardiac function](#)
- 7105001- [Surgical method and composition utilizing submucosal tissue to prevent incisional hernias](#)
- 7108851- [Prevention and treatment of mycoplasma-associated diseases](#)
- 7108982- [Diagnostics and the therapeutics for macular degeneration](#)
- 7112338- [Cationic liposome delivery of taxanes to angiogenic blood vessels](#)
- 7115382- [Method for detecting IGFBP-4 protease without detecting IGFBP-4 protease/proMBP Complex](#)
- 7122568- [Use of low-dose PDT to inhibit restenosis](#)
- 7141041- [Catheters having laterally deployable needles](#)
- 7150738- [Substance delivery apparatus and a method of delivering a therapeutic substance to an anatomical passageway](#)
- 7153823- [Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease](#)
- 7166280- [Combination growth factor therapy and cell therapy for treatment of acute and chronic heart disease](#)
- 7392140- [Cellular fibronectin as a diagnostic marker in stroke and methods of use thereof](#)

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