

# Capillaries

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## Recent Publications on Capillaries:

- [Ibn al-Nafis, the Pulmonary Circulation, and the Islamic Golden Age.](#)  
*Ibn al-Nafis (1213-1288) was an Arab physician who made several important...*11th October, 2008  
University of California, San Diego School of Medicine.- J Appl Physiol. 2008 Oct 9. ([DOI Direct Link](#))
- [Abnormal patterns of lipoprotein lipase release into the plasma in GPIHBP1-deficient mice.](#)  
*GPIHBP1-deficient mice (Gpihbp1<sup>-/-</sup>) exhibit severe chylomicronemia...*11th October, 2008  
Department of Medicine, Division of Cardiology, University of California,- J Biol Chem. 2008 Oct 8. ([DOI Direct Link](#))
- [Rod-Shaped monocytes patrol the brain vasculature and give rise to perivascular macrophages under the influence of proinflammatory cytokines and angiopoietin-2.](#)  
*The nervous system is constantly infiltrated by blood-derived sentinels...*10th October, 2008  
Department of Oncology and Molecular Endocrinology, Laval University- J Neurosci. 2008 Oct 8;28(41):10187-99. ([DOI Direct Link](#))
- [Short hairpin RNA interference therapy for ischemic heart disease.](#)  
*BACKGROUND: During hypoxia, upregulation of hypoxia inducible factor-1...*10th October, 2008  
Stanford University School of Medicine, Edwards Building R354, Stanford,- Circulation. 2008 Sep 30;118(14 Suppl):S226-33. ([DOI Direct Link](#))
- [Endothelial cell coculture within tissue-engineered cardiomyocyte sheets enhances neovascularization and improves cardiac function of ischemic hearts.](#)  
*BACKGROUND: Regenerative therapies, including myocardial tissue...*10th October, 2008  
Institute of Advanced Biomedical Engineering and Science, Tokyo Women's- Circulation. 2008 Sep 30;118(14 Suppl):S145-52. ([DOI Direct Link](#))
- [Curcumin Inhibits the Activity of ABCG2/BCRP1, a Multidrug Resistance-Linked ABC Drug Transporter in Mice.](#)  
*PURPOSE: To evaluate the in vivo efficacy of curcumin as an inhibitor of...*9th October, 2008  
Laboratory of Cell Biology, Center for Cancer Research, National Cancer- Pharm Res. 2008 Oct 9. ([DOI Direct Link](#))
- [Microvascular architecture of the rabbit eye: a scanning electron microscopic study of vascular corrosion casts.](#)  
*The microvasculature of the eyes of 5 rabbits was investigated using...*9th October, 2008  
Department of Laboratory Animal Science, Azabu University.- J Vet Med Sci. 2008 Sep;70(9):887-92.
- [Arteriolar and venular capillary distribution in skeletal muscles of old rats.](#)  
*Decreased skeletal muscle mass and proportion of fast-twitch glycolytic...*9th October, 2008  
Department of Medicine, 0623A, University of California, San Diego, La- J Gerontol A Biol Sci Med Sci.

2008 Sep;63(9):928-35.

- [Delivery of antegrade cerebral perfusion during descending aortic reconstruction: a case report.](#)  
*Antegrade cerebral perfusion (ACP) has been demonstrated to be a safe and...*9th October, 2008  
INOVA Fairfax Hospital, Perfusion Department, Falls Church, VA- Perfusion. 2008 Mar;23(2):135-7. ([DOI Direct Link](#))
- [Retinal arteriolar and capillary vascular reactivity in response to isoxic hypercapnia.](#)  
*The aim of the study was to compare the magnitude of vascular reactivity...*9th October, 2008  
Department of Ophthalmology and Vision Sciences, University of Toronto,- Exp Eye Res. 2008 Sep 18. ([DOI Direct Link](#))
- [Two-Photon Imaging of Capillary Blood Flow in Olfactory Bulb Glomeruli.](#)  
*Two-photon laser scanning microscopy (TPLSM) is an efficient tool to study...*8th October, 2008  
, - Methods Mol Biol. 2009;489:81-92. ([DOI Direct Link](#))
- [ERYTHROPOIETIN ENHANCES OXYGENATION IN CRITICALLY PERFUSED TISSUE THROUGH MODULATION OF NITRIC OXIDE SYNTHASE.](#)  
*The aim of this study was to investigate the effect of human recombinant...*8th October, 2008  
From the \*Division of Plastic and Reconstructive Surgery, University- Shock. 2008 Oct 6. ([DOI Direct Link](#))
- [The impact of primary and secondary ligand coupling on extracellular matrix characteristics and formation of endothelial capillaries.](#)  
*The success of tissue engineering strategies using artificial scaffolds...*8th October, 2008  
Leibniz Institute of Polymer Research Dresden, The Max Bergmann Center of- Biomaterials. 2008 Oct 4. ([DOI Direct Link](#))
- [Ecthyma gangrenosum without pseudomonas septicemia in a kidney transplant recipient.](#)  
*We report a case of ecthyma gangrenosum (EG) without septicemia in a renal...*8th October, 2008  
Department of Dermatology, Graduate School of Medical Science, Kyoto- J Dermatol. 2008 Sep;35(9):585-9. ([DOI Direct Link](#))
- [Dimpled Vesicles: The Interplay between Energetics and Transient Pores.](#)  
*The familiar biconcave shape of the red-blood cell (RBC) deforms as the...*8th October, 2008  
- J Phys Chem B. 2008 Oct 7. ([DOI Direct Link](#))

## BioNews Results for Capillaries

- [Platform Simulates Human Capillaries](#)  
*Genetic Engineering News: Sep 4 2008 9:29PM Matching: capillaries*

## Capillaries Clinical Trials:



- [Evaluation of the Lung Capillary Blood Volume in Children With Sickle Cell Disease](#)  
*Sickle Cell Disease*





## Capillaries Patents:

- 7427476- [PITX2 polynucleotide, polypeptide and methods of use therefor](#)
- 7429354- [Structural units that define fluidic functions](#)
- 7429359- [Source and target management system for high throughput transfer of liquids](#)
- 7429452- [Methods for diagnosis and therapy of pancreatic cancer and composition useful therein](#)
- 7429474- [2-O sulfatase compositions and methods of analyzing therewith](#)
- 7429479- [Inverted orientation for a microplate](#)
- 7429564- [Oral insulin therapy](#)
- 7429594- [Substituted heterocyclic compounds and methods of use](#)
- 7429634- [Polymer production at supercritical conditions](#)
- 7429677- [Small molecule entry inhibitors](#)
- 7429681- [Combretastatin analogs with tubulin binding activity](#)
- 7429317- [Electrokinetic device employing a non-newtonian liquid](#)
- 7429295- [Aqueous chemical mixture to mitigate water associated problems in concrete pavements](#)
- 7429258- [Microneedle transport device](#)
- 7427477- [Method of activating a silicon surface for subsequent patterning of molecules onto said surface](#)
- 7427479- [Methods and kits for identifying target nucleotides in mixed populations](#)
- 7427490- [Diagnostic markers of stroke and cerebral injury and methods of use thereof](#)
- 7427512- [Light-controlled electrokinetic assembly of particles near surfaces](#)
- 7427526- [Deposited thin films and their use in separation and sacrificial layer applications](#)
- 7427605- [Inhibitors of ribonucleotide reductase subunit 2 and uses thereof](#)
- 7427623- [4-Amino-2,3-disubstituted thieno\[2,3-d\]pyrimidines and pharmaceutical compositions thereof](#)
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- 7432245- [Pharmaceutical formulation comprising a peptide angiogenesis inhibitor](#)
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- 7432295- [Preparation of compounds useful for the detection of hypoxia](#)
- 7432303- [Chalcone and its analogs as agents for the inhibition of angiogenesis and related disease states](#)
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