

Thrombin

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Thrombin is a coagulation protein that has many effects in the coagulation cascade. It is a serine protease that converts soluble fibrinogen into insoluble strands of fibrin, as well as catalyzing many other coagulation-related reactions. ([From the Wikipedia article Thrombin](#).)

Recent Publications on Thrombin:



- [C3, C5, and factor B bind to chitosan without complement activation.](#)
*Chitosan is a polycationic and biocompatible polysaccharide composed of...*21st November, 2009
Institute of Biomedical Engineering, Ecole Polytechnique, Montreal,- J Biomed Mater Res A. 2009 Nov 19. ([DOI Direct Link](#))
- [Evaluation of heparin cofactor II-thrombin complex as a biomarker on blood spots from mucopolysaccharidosis I, IIIA and IIIB mice.](#)
*Mucopolysaccharide (MPS) diseases are lysosomal storage disorders caused...*21st November, 2009
MPS Stem Cell Research Group, Faculty of Medical and Human Sciences,- Mol Genet Metab. 2009 Oct 23. ([DOI Direct Link](#))
- [Dynamic Insight into the Interaction between Porphyrin and G-quadruplex DNAs: Time-Resolved Fluorescence Anisotropy Study.](#)
*Understanding the nature of the interaction between small molecules and...*21st November, 2009
State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics,- J Phys Chem B. 2009 Nov 19. ([DOI Direct Link](#))
- [The effect of different snake venoms and anti-venoms on thrombin clotting time in human plasma.](#)
*BACKGROUND: Crotaline snake species, or pit vipers, are distributed...*20th November, 2009
IMC Krems, University of Applied Sciences, Piaristengasse 1, Austria;- Thromb Res. 2009 Nov 16. ([DOI Direct Link](#))
- [Triptolide Inhibits Proliferation and Migration of Colon Cancer Cells by Inhibition of Cell Cycle Regulators and Cytokine Receptors.](#)
*BACKGROUND: Phytochemicals are an important source of emerging preventive...*20th November, 2009
Department of Surgery, The University of Texas Medical Branch, Galveston,- J Surg Res. 2009 Aug 5. ([DOI Direct Link](#))
- [Effects of inhalable particulate matter on blood coagulation.](#)
*Background: Particulate matter (PM) exposure has been linked to increased...*20th November, 2009
Department of Clinical and Biological Sciences, University of Insubria,- J Thromb Haemost. 2009 Nov 17. ([DOI Direct Link](#))
- [Prothrombin Gene G20210A Mutation in Acute Deep Venous Thrombosis Patients with Poor Response to Warfarin Therapy.](#)

- AIM: The pathogenesis of deep venous thrombosis (DVT) involves an...* 19th November, 2009
Department of Clinical Pathology, Faculty of Medicine, Suez Canal- Open Cardiovasc Med J. 2009 Oct 21;3:147-151. ([DOI Direct Link](#))
- [Coil embolization of inferior epigastric artery pseudoaneurysm after percutaneous thrombin injection failure: a case report.](#)
We report a case of a 71-year old woman with right inferior epigastric... 18th November, 2009
- Cases J. 2009 Aug 12;2:6562. ([DOI Direct Link](#))
 - [The G protein \$\beta\gamma\$ subunit mediates reannealing of adherens junctions to reverse endothelial permeability increase by thrombin.](#)
The inflammatory mediator thrombin proteolytically activates... 18th November, 2009
Center for Lung and Vascular Biology, Department of Pharmacology,- J Exp Med. 2009 Nov 16. ([DOI Direct Link](#))
 - [Integrin \$\alpha\$ IIb \$\beta\$ 3 activation in CHO cells and platelets increases clustering not affinity.](#)
Integrin α IIb β 3 affinity regulation by talin binding to the... 18th November, 2009
University of Arizona, United States.- J Biol Chem. 2009 Nov 16. ([DOI Direct Link](#))
 - [Desirudin Dosing and Monitoring in Moderate Renal Impairment.](#)
Desirudin is a renally eliminated direct thrombin inhibitor approved to... 17th November, 2009
Bertino Consulting.- J Clin Pharmacol. 2009 Nov 13. ([DOI Direct Link](#))
 - [Aptamer based electrochemical assay for the determination of thrombin by using the amplification of the nanoparticles.](#)
A novel electrochemical assay based on the aptamer and the signal of... 17th November, 2009
The Key Laboratory of Bioorganic Phosphorus Chemistry & Chemical Biology,- Biosens Bioelectron. 2009 Oct 21. ([DOI Direct Link](#))
 - [Engineering fibrin matrices: The engagement of polymerization pockets through fibrin knob technology for the delivery and retention of therapeutic proteins.](#)
Engineering extracellular matrices that utilize the body's natural healing... 17th November, 2009
The Wallace H. Coulter Department of Biomedical Engineering, Georgia- Biomaterials. 2009 Nov 13. ([DOI Direct Link](#))
 - [Increased thrombin generation in inflammatory bowel diseases.](#)
BACKGROUND: Inflammatory bowel diseases (IBD) are characterized by an... 17th November, 2009
Department of Internal Medicine and Hepatology, Azienda Ospedaliera- Thromb Res. 2009 Nov 13. ([DOI Direct Link](#))

BioNews Results for Thrombin

- [Trial Evaluates New Anti-Platelet in Preventing Cardiovascular Events](#)
Diagnostic & Invasive Cardiology: Nov 20 2009 6:39PM Matching: thrombin
- [Reportlinker Adds Anticoagulants - A Global Market Review](#)
SmartBrief: Nov 19 2009 1:22AM Matching: thrombin
- [RE-DEEM: Dabigatran causes no safety concerns in phase II ACS trial](#)
MedWire News: Nov 19 2009 7:57PM Matching: thrombin
- [RE-DEEM: Dabigatran causes no safety concerns in phase II ACS trial](#)
MedWire News: Nov 19 2009 7:57PM Matching: thrombin
- [Reportlinker Adds Anticoagulants - A Global Market Review](#)
KSLA: Nov 18 2009 6:49PM Matching: thrombin
- [Reportlinker Adds Anticoagulants - A Global Market Review](#)
PR Newswire via MSN Money: Nov 18 2009 5:00PM Matching: thrombin
- [Merck Announces Completion Of Patient Enrollment In Phase III TRA-2P-TIMI 50 Trial Of SCH 530348. A Novel, Ora](#)
Medical News Today: Nov 18 2009 7:29AM Matching: thrombin

- [RE-DEEM: Dabigatran added to dual antiplatelet therapy resulted in acceptable bleeding rates post-MI](#)
Cardiology Today: Nov 18 2009 11:34PM Matching: thrombin
- [Boehringer clot drug poses small bleed risk-study](#)
Forbes.com: Nov 18 2009 7:09PM Matching: thrombin
- [Boehringer clot drug poses small bleed risk-study](#)
Forbes.com: Nov 18 2009 7:09PM Matching: thrombin
- [Boehringer clot drug poses small bleed risk-study](#)
Interactive Investor International: Nov 18 2009 6:48PM Matching: thrombin
- [Merck Announces Completion of Patient Enrollment in Phase III TRA-2P-TIMI 50 Trial of SCH 530348, a Novel, O](#)
Pharma Live: Nov 17 2009 1:20PM Matching: thrombin
- [Research data from Ohio State University update understanding of obesity](#)
Pharmacy Choice: Nov 16 2009 10:21AM Matching: thrombin
- [Merck completes patient enrolment for phase-III TRA-2P-TIMI 50 trial of oral antiplatelet PAR-1 inhibitor](#)
PharmaBiz: Nov 16 2009 6:23AM Matching: thrombin
- [New Oral Anticoagulant Rivals Warfarin in Atrial F](#)
Pharmacy Practice News: Nov 16 2009 9:27PM Matching: thrombin

Thrombin Patents:



- 7612092- [Nitrogen-containing aromatic derivatives](#)
- 7615007- [Analyte sensor](#)
- 7615208- [Metal ion-labeled bis-aminoethanethiol-targeting ligand conjugates, compositions, and methods for tissue-specific disease imaging](#)
- 7615218- [Methods for determining and lowering caffeine concentration in fluids](#)
- 7615219- [Inhibition of PACAP signalling for the prevention and treatment of thrombocytopenia](#)
- 7615223- [Selected immunoconjugates for binding to aminophospholipids](#)
- 7615227- [Use of CpG oligodeoxynucleotides to induce angiogenesis](#)
- 7615233- [Particulate construct comprising polyhydroxyalkanoate and method for producing it](#)
- 7615349- [Melanoma gene signature](#)
- 7615373- [Electroprocessed collagen and tissue engineering](#)
- 7615527- [Peptides which modulate blood coagulation and methods of use thereof](#)
- 7612237- [Process for preparing .beta.-amino-.alpha.-hydroxycarboxamides](#)
- 7612200- [Inhibitors of protein kinases](#)
- 7612094- [Tri-substituted heteroaryls and methods of making and using the same](#)
- 7612099- [Vinylogous acid derivatives](#)
- 7612110- [Utilization of dialkylfumarates](#)
- 7612165- [Solid-phase synthesis is a capillary](#)
- 7612178- [Anti-IGF-1R antibodies and uses thereof](#)
- 7612179- [antibodies binding to a C-terminal fragment of apolipoprotein E](#)
- 7612185- [Nucleic acid biosensors](#)
- 7612186- [Compositions and methods for producing recombinant proteins](#)
- 7612188- [Modified vitamin K. dependent polypeptides](#)
- 7612194- [Nucleic acid sequences from Diabrotica virgifera virgifera LeConte and uses thereof](#)

- 7615549- [Substituted pyrrolidinones, their manufacture and their use as medicaments](#)
- 7615568- [Antithrombotic ethers](#)
- 7615611- [Human cytokine receptor](#)
- 7618801- [Streptomyces protease](#)
- 7618935- [Chaperonin 10 immunosuppression](#)
- 7618941- [Treating degenerative joint disorders with tribonectins](#)
- 7618945- [Heteroaryl peptidomimetics as thrombin receptor antagonists](#)
- 7618949- [Drug-eluting stents coated with P2Y.sub.12 receptor antagonist compound](#)
- 7618971- [Mitotic kinesin inhibitors](#)
- 7619001- [Utilization of dialkylfumarates](#)
- 7619062- [PRO214 polypeptides](#)
- 7619078- [Nucleic acid molecules encoding B7-1](#)
- 7619094- [Ketoamides with cyclic P4's as inhibitors of NS3 serine protease of hepatitis C virus](#)
- 7618799- [Bacterial leader sequences for increased expression](#)
- 7618791- [Methods of detecting cancer with antibodies to cytokine receptor ZCYTOR19](#)
- 7615616- [Bioinformatic method for identifying surface-anchored proteins from gram-positive bacteria and proteins obtained thereby](#)
- 7615622- [Methods and compositions for reducing heparan sulfate proteoglycan-mediated clearance of factor VIII](#)
- 7615623- [BAG proteins and nucleic acid molecules encoding them](#)
- 7615679- [Method of producing polyunsaturated fatty acids, novel biosynthesis genes, and novel plant expression constructs](#)
- 7616991- [Method for digital cardiac rhythm management](#)
- 7618567- [Absorbable sponge with contrasting agent](#)
- 7618647- [Using bucky paper as a therapeutic aid in medical applications](#)
- 7618652- [Glycosaminoglycan anticoagulants derived from fish](#)
- 7618780- [Use of mass labelled probes to detect target nucleic acids using mass spectrometry](#)
- 7618788- [Proteome epitope tags and methods of use thereof in protein modification analysis](#)
- 7619137- [Transcription factor stress-related proteins and methods of use in plants](#)

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