

# Mannose-Binding Protein-Associated Serine Proteases

[View the current Mannose-Binding Protein-Associated Serine Proteases InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Mannose-Binding_Protein-Associated_Serine_Proteases.html)  
([http://www.bioportfolio.com/indepth/Mannose-Binding\\_Protein-Associated\\_Serine\\_Proteases.html](http://www.bioportfolio.com/indepth/Mannose-Binding_Protein-Associated_Serine_Proteases.html))

## Recent Publications on Mannose-Binding Protein-Associated Serine Proteases:



- [Mannose-binding lectin and mannose-binding lectin-associated serine protease 2 in susceptibility, severity, and outcome of pneumonia in adults.](#)  
*BACKGROUND: Community-acquired pneumonia (CAP) is the leading cause of...*30th August, 2008  
Department of Immunology, Hospital Universitario de Gran Canaria Dr- J Allergy Clin Immunol. 2008 Aug;122(2):368-74, 374.e1-2. Epub 2008 Jun ([DOI Direct Link](#))
- [Association of mannose-binding lectin gene polymorphism but not of mannose-binding serine protease 2 with chronic severe aortic regurgitation of rheumatic etiology.](#)  
*N-Acetylglucosamine (GlcNAc) is the major immunoepitope of group A...*30th August, 2008  
Heart Institute (InCor), University of Sao Paulo School of Medicine, Sao- Clin Vaccine Immunol. 2008 Jun;15(6):932-6. Epub 2008 Apr 9. ([DOI Direct Link](#))
- [Depressed activation of the lectin pathway of complement in hereditary angioedema.](#)  
*The possibility of simultaneous measurement of the classical pathway (CP),...*26th July, 2008  
3rd Department of Internal Medicine, Semmelweis University, Hungarian- Clin Exp Immunol. 2008 Jul;153(1):68-74. Epub 2008 May 5. ([DOI Direct Link](#))
- [Ficolins: novel pattern recognition molecules of the innate immune response.](#)  
*Ficolins are members of the collectin family of proteins which are able to...*10th July, 2008  
Institute of Immunology, University of Regensburg,- Immunobiology. 2008;213(3-4):297-306. Epub 2007 Nov 28. ([DOI Direct Link](#))
- [Assays for the mannan-binding lectin pathway.](#)  
*This unit contains protocols that can be used to measure mannan-binding...*2nd July, 2008  
University of Aarhus, Aarhus, Denmark.- Curr Protoc Immunol. 2004 Feb;Chapter 13:Unit 13.6. ([DOI Direct Link](#))
- [The chaperone and potential mannan-binding lectin \(MBL\) co-receptor calreticulin interacts with MBL through the binding site for MBL-associated serine proteases.](#)  
*The chaperone calreticulin has been suggested to function as a C1q and...*18th June, 2008  
Department of Autoimmunology, Statens Serum Institut, Copenhagen, Denmark.- FEBS J. 2008 Feb;275(3):515-26. Epub 2008 Jan 3. ([DOI Direct Link](#))
- [Mannose-binding lectin \(MBL\)-associated serine protease \(MASP\)-1 contributes to activation of the lectin complement pathway.](#)  
*The complement system plays an important role in innate immunity. In the...*5th June, 2008  
Department of Immunology, Fukushima Medical University School of Medicine,- J Immunol. 2008 May

- 1;180(9):6132-8.
- [\[Mannan-binding lectin and MBL-associated serine protease-2\]](#)  
*In Denmark approximately 3,600 patients are diagnosed with colorectal...*28th May, 2008  
 Hvidovre Hospital, Gastroenheden, Kirurgisk Sektion 435, Hvidovre.- Ugeskr Laeger. 2008 Apr 21;170(17):1445-8.
  - [\[Possible disease-modifying factors: the mannan-binding lectin pathway and infections in hereditary angioedema of children and adults.\]](#)  
*INTRODUCTION: Hereditary angioedema (HAE) is caused by mutations in the...*9th May, 2008  
 Laboratory of Immunobiology of Infections, Center of Medical Biology,- Arch Immunol Ther Exp (Warsz). 2008 Jan-Feb;56(1):69-75. Epub 2008 Feb 5. ([DOI Direct Link](#))
  - [\[MBL2 and MASP2 gene polymorphisms in patients with hepatocellular carcinoma.\]](#)  
*The pathogenesis of hepatocellular carcinoma (HCC) is not fully...*7th May, 2008  
 Genetic Service and Department of Developmental and Reproductive Sciences,- J Viral Hepat. 2008 May;15(5):387-91. ([DOI Direct Link](#))
  - [\[Functional MASP2 gene polymorphism in patients with history of rheumatic fever.\]](#)  
*In this study we investigated whether partial or total MASP-2 deficiencies...*4th April, 2008  
 Departamento de Patologia Medica, Hospital de Clinicas da Universidade- Hum Immunol. 2008 Jan;69(1):41-4. Epub 2007 Dec 10. ([DOI Direct Link](#))
  - [\[L-ficolin binding and lectin pathway activation by acetylated low-density lipoprotein.\]](#)  
*L-ficolin, like mannan-binding lectin (MBL), is a lectin pathway activator...*13th February, 2008  
 Department of Immunology/Microbiology, Rush Medical College, Chicago, IL- Clin Exp Immunol. 2008 Feb;151(2):275-83. Epub 2007 Nov 20. ([DOI Direct Link](#))
  - [\[L-Ficolin/mannose-binding lectin-associated serine protease complexes bind to group B streptococci primarily through N-acetylneuraminic acid of capsular polysaccharide and activate the complement pathway.\]](#)  
*Group B streptococci (GBS) are the most common cause of neonatal sepsis...*26th January, 2008  
 Division of Microbiology, Joshi-Eiyoh University, Sakado, Saitama- Infect Immun. 2008 Jan;76(1):179-88. Epub 2007 Oct 15. ([DOI Direct Link](#))
  - [\[Deficiency of mannose-binding lectin-associated serine protease-2 associated with increased risk of fever and neutropenia in pediatric cancer patients.\]](#)  
*BACKGROUND: Mannose-binding lectin-associated serine protease-2 (MASP-2)...*21st December, 2007  
 Department of Pediatrics, University of Bern, Bern, Switzerland.- Pediatr Infect Dis J. 2007 Nov;26(11):989-94. ([DOI Direct Link](#))
  - [\[Stat3 is involved in control of MASP2 gene expression.\]](#)  
*Little is known about determinants regulating expression of Mannan-binding...*19th December, 2007  
 Clinical Cooperation Group Inflammatory Lung Diseases (GSF-National- Biochem Biophys Res Commun. 2007 Dec 28;364(4):1022-5. Epub 2007 Oct 29. ([DOI Direct Link](#))

\*\*\*

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

