

## Basophils

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### Recent Publications on Basophils:

- [Functionality of the IgA Fc receptor \(FcalphaR, CD89\) is down-regulated by extensive engagement of FcvarpsilonRI.](#)  
*Besides mast cells and basophils, the high-affinity IgE Fc receptor...*14th August, 2008  
Division of Molecular Cell Immunology and Allergology, Advanced Medical- Clin Immunol. 2008 Aug 11. ([DOI Direct Link](#))
- [Pharmacological profile, efficacy and safety of rupatadine in allergic rhinitis.](#)  
*Allergic rhinitis (AR) is a disease with high prevalence. In AR, exposure...*13th August, 2008  
Department of Tuberculosis & Respiratory diseases, GSVM Medical College,- Prim Care Respir J. 2008 Aug 12. pii: pcrj-2007-10-0002. doi: ([DOI Direct Link](#))
- [Comparison of hematologic values in blood samples with lithium heparin or dipotassium ethylenediaminetetraacetic acid anticoagulants in Hispaniolan Amazon parrots \(\*Amazona ventralis\*\).](#)  
*Blood samples were collected from 20 Hispaniolan Amazon parrots (Amazona...*12th August, 2008  
Department of Veterinary Clinical Sciences, School of Veterinary Medicine,- J Avian Med Surg. 2008 Jun;22(2):108-13.
- [A novel clade of cysteinyl leukotriene scavengers in soft ticks.](#)  
*Inflammation is an important vertebrate defense mechanism against...*5th August, 2008  
Laboratory for Malaria and Vector Research, National Institutes of Health,- Insect Biochem Mol Biol. 2008 Jul 15. ([DOI Direct Link](#))
- [Identification of mast cells and mast cell subpopulations.](#)  
*Mast cells generate mediators of inflammation which are stored in granules...*5th August, 2008  
Immunopharmacology Group, Southampton General Hospital, Southampton, UK.- Methods Mol Med. 2008;138:285-97. ([DOI Direct Link](#))
- [A pH-stabilizing role of voltage-gated proton channels in IgE-mediated activation of human basophils.](#)  
*Eosinophils and other phagocytes use NADPH oxidase to kill bacteria....*31st July, 2008  
Department of Molecular Biophysics and Physiology, Rush University Medical- Proc Natl Acad Sci U S A. 2008 Aug 5;105(31):11020-5. Epub 2008 Jul 29. ([DOI Direct Link](#))
- [Pathophysiology of food-induced anaphylaxis.](#)  
*Food-induced anaphylaxis is a steadily increasing problem in westernized...*25th July, 2008  
University of Alabama at Birmingham, Birmingham, AL 35209, USA.- Curr Allergy Asthma Rep. 2008 May;8(3):201-8.
- [Suppressive effect of Elf-1 on FcepsilonRI alpha-chain expression in primary mast cells.](#)  
*The high-affinity receptor for immunoglobulin E (IgE), FcepsilonRI, is...*17th July, 2008  
Atopy Research Center, Juntendo University School of Medicine, 2-1-1- Immunogenetics. 2008 Jul 16.

- ([DOI Direct Link](#))
- [Histamine-releasing factor/translationally controlled tumor protein \(HRF/TCTP\)-induced histamine release is enhanced with SHIP-1 knockdown in cultured human mast cell and basophil models.](#)  
*Previously, we demonstrated a negative correlation between histamine...*16th July, 2008  
The Johns Hopkins Asthma and Allergy Center, Baltimore, Maryland, USA.- J Leukoc Biol. 2008 Jul 14. ([DOI Direct Link](#))
  - [Biochemical and hematological reference ranges for Amazon freshwater turtle, Podocnemis expansa \(Reptilia: Pelomedusidae\), with morphologic assessment of blood cells.](#)  
*Blood parameters are useful to measure physiological disturbances in...*12th July, 2008  
Department of Physiological Sciences, Institute of Biological Sciences,- Res Vet Sci. 2008 Jul 9. ([DOI Direct Link](#))
  - [Osteomyelosclerosis with thalassemia trait: report of a rare association, study of platelet function tests and review of literature.](#)  
*Idiopathic myelofibrosis is a chronic myeloproliferative disorder...*12th July, 2008  
Department of Pathology, Maulana Azad Medical College, Bahadur Shah Zafar- Hematology. 2008 Apr;13(2):83-7. ([DOI Direct Link](#))
  - [IL-18 Levels in Nasal Lavage After Inhalatory Challenge Test with Flour in Bakers Diagnosed with Occupational Asthma.](#)  
*Objectives: The authors discuss the outcomes of a study on IL-18...*11th July, 2008  
Department of Occupational Diseases, Nofer Institute of Occupational- Int J Occup Med Environ Health. 2008 Jul 9:1-8. ([DOI Direct Link](#))
  - [Acute and sub-chronic toxicity of an aqueous extract of the leaves of Herniaria glabra in rodents.](#)  
*AIM OF THE STUDY: The present investigation was carried out to evaluate...*4th July, 2008  
Laboratory of Physiology-Pharmacology and Environmental Health, Department- J Ethnopharmacol. 2008 Aug 13;118(3):378-86. Epub 2008 May 15. ([DOI Direct Link](#))
  - [Understanding the mechanisms of anaphylaxis.](#)  
*PURPOSE OF REVIEW: The present review considers recent reports that...*4th July, 2008  
Laboratory of Allergic Diseases, Division of Intramural Research, National- Curr Opin Allergy Clin Immunol. 2008 Aug;8(4):310-5. ([DOI Direct Link](#))
  - [Monitoring of basophil sensitization to antigens of the cat flea \(Ctenocephalides felis felis\): a new tool for the diagnosis of feline flea bite hypersensitivity?](#)  
*Suitability of blood basophils for in vitro diagnosis of flea allergy...*3rd July, 2008  
Immunology Unit, University of Veterinary Medicine Hannover, Foundation,- Parasitol Res. 2008 Sep;103(4):807-20. Epub 2008 Jul 2. ([DOI Direct Link](#))

## Basophils Clinical Trials:



- [The Effect of Xolair on Inhibiting Leukotriene and Cytokine \(IL-4 and IL-13\) Release From Blood Basophils](#)  
*Allergy Interventions: Drug: Placebo; Drug: Xolair*



## Basophils Patents:

- 7385035- [Cytotoxic protein and utilization thereof](#)
- 7393846- [Heterocyclic compounds useful for the treatment of inflammatory and allergic disorders](#)
- 7393934- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7393943- [Polynucleotides encoding a human chemotactic cytokine I](#)
- 7393944- [T-bet compositions and methods of use thereof](#)
- 7396652- [Chemokine PANEC-2 polypeptides and compositions and methods related thereto](#)
- 7396827- [Pharmaceutical compositions and treatment methods](#)
- 7396908- [OAF065alpha and OAF065beta polypeptides](#)
- 7396911- [Chimeric polypeptides containing chemokine domains](#)
- 7399597- [Epitope identification and modification for reduced allergenic activity in proteins targeted for transgenic expression](#)
- 7399638- [Prediction method for lipidosis](#)
- 7393844- [Tetrahydropyryl cyclopentyl heterocyclic amide modulators of chemokine receptor activity](#)
- 7393688- [Method of using a hematology reference control for measurement of immature granulocytes](#)
- 7393666- [Use of hepatitis B X-interacting protein \(HBXIP\) in modulation of apoptosis](#)
- 7387776- [Human monoclonal antibodies against CD30](#)
- 7390526- [Methods and materials for nanocrystalline surface coatings and attachment of peptide amphiphile nanofibers thereon](#)
- 7390619- [Optimization of immunomodulatory properties of genetic vaccines](#)
- 7390803- [Tetrahydropyryl cyclopentyl benzylamide modulators of chemokine receptor activity](#)
- 7390830- [Remedies or prophylactics for diseases in association with chemokines](#)
- 7390879- [Secreted and transmembrane polypeptides and nucleic acids encoding the same](#)
- 7392140- [Cellular fibronectin as a diagnostic marker in stroke and methods of use thereof](#)
- 7392199- [Diagnosing inapparent diseases from common clinical tests using Bayesian analysis](#)
- 7393529- [Methods and compositions for inhibiting binding of IgE to a high affinity receptor](#)
- 7393532- [Modulation of T cell differentiation for the treatment of T helper cell mediated diseases](#)
- 7399760- [Pyrimidinedione derivatives](#)
- 7402131- [Multiple laminar flow-based particle and cellular separation with laser steering](#)
- 7405302- [5-lipoxygenase-activating protein \(FLAP\) inhibitors](#)
- 7407655- [Method of inhibiting leukocytes with human CXC chemokine receptor 3 antibody](#)
- 7407978- [Heterocyclic analogs of diphenylethylene compounds](#)
- 7408038- [Secreted immunomodulatory proteins](#)
- 7410637- [Transgenic algae for delivering antigens to an animal](#)
- 7410641- [Antibodies to insulin/IGF/relaxin family polypeptides](#)
- 7410773- [Method of preparing an undifferentiated cell](#)
- 7410961- [2,6-disubstituted piperidines as modulators](#)
- 7410966- [Use of and some novel imidazopyridines](#)
- 7410984- [Compounds](#)
- 7405290- [Nucleic acid and corresponding protein entitled 161P2F10B useful in treatment and detection of cancer](#)
- 7405277- [Antibodies against monocyte chemotactic proteins](#)
- 7405237- [Isoindoline compounds and methods of their use](#)
- 7402303- [Chemokine mutants in the treatment of multiple sclerosis](#)
- 7402322- [Methods of treatment for septic shock with urine extract](#)

- 7402657- [C-C chemokine receptor 3 proteins](#)
- 7402728- [Transgenic mice expressing human CD20 and/or CD16](#)
- 7402730- [Knockout animals manifesting hyperlipidemia](#)
- 7405047- [Method for estimation of the amount of specific cell types](#)
- 7405053- [Materials and methods relating to G-protein coupled receptor oligomers](#)
- 7405060- [Gene amplification methods](#)
- 7405215- [Indole acetic acids exhibiting CRTH2 receptor antagonism and uses thereof](#)
- 7405223- [Treating allergic and inflammatory conditions](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)

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