

# Agranulocytosis

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Agranulocytosis is an acute condition involving a severe and dangerous leukopenia in the body.

Concentrations of granulocytes can often drop to below 500 cells/mm<sup>3</sup> of blood), less than a sixth of the reference value of 3-10 x 10<sup>3</sup> cells/mm<sup>3</sup>. ([From the Wikipedia article Agranulocytosis.](#))



## Recent Publications on Agranulocytosis:

- [Severe Psychotic Disorder and Agranulocytosis - A Therapeutic Dilemma.](#)  
*Insulin signaling can be modulated by several isoforms of PKC in...* 20th November, 2009  
Centre for Psychiatry Die Weissenau, Ulm University, Ravensburg, Germany.- Pharmacopsychiatry. 2009 Nov;42(6):284-285. Epub 2009 Nov 18. ([DOI Direct Link](#))
- [Successful treatment of T-cell prolymphocytic leukemia \(T-PLL\) with fludarabine monophosphate.](#)  
*We report a 79-year-old woman with T-cell prolymphocytic leukemia (T-PLL)...* 17th November, 2009  
Department of Hematology, Shizuoka City Shizuoka Hospital.- Rinsho Ketsueki. 2009 Aug;50(8):658-62.
- [Deferiprone chelation therapy for thalassemia major.](#)  
*Iron overload is one of the major causes of morbidity in patients with...* 13th November, 2009  
Dipartimento di Scienze Biomediche e Biotecnologie, Ospedale Regionale- Acta Haematol. 2009;122(2-3):155-64. Epub 2009 Nov 10. ([DOI Direct Link](#))
- [Toxic epidermal necrolysis and agranulocytosis: Rare adverse effects of ciprofloxacin.](#)  
*Ciprofloxacin is one of the most commonly used antibacterial agents with...* 11th November, 2009  
Department of Skin and STD, K. M. C. Hospital, Attavar, Mangalore, India.- Indian J Med Sci. 2009 Oct;63(10):461-3. ([DOI Direct Link](#))
- [A Pharmacovigilance Program From Laboratory Signals for the Detection and Reporting of Serious Adverse Drug Reactions in Hospitalized Patients.](#)  
*The detection and reporting of serious adverse drug reactions (SADRs) have...* 6th November, 2009  
Clinical Pharmacology Service, La Paz University Hospital, School of- Clin Pharmacol Ther. 2009 Nov 4. ([DOI Direct Link](#))
- [\[A serious adverse effect: sepsis due to carbimazole.\]](#)  
*Thyonamides are widely used drugs to treat hyperthyroidism, because of...* 4th November, 2009  
Servicio de Endocrinología y Nutrición. Hospital Infanta Sofía. Madrid.- Endocrinol Nutr. 2009 Aug-Sep;56(7):378-80. ([DOI Direct Link](#))
- [\[Clozapine in the treatment of under-age schizophrenia\]](#)  
*In as many as one third of those afflicted with schizophrenia, the...* 30th October, 2009  
Satakunnan sairaanhoitopiiri, nuorisopsykiatrisen yksikkö, Pori.- Duodecim. 2009;125(15):1635-8.
- [Iron chelation therapy in the management of thalassemia: the Asian perspectives.](#)  
*Worldwide, thalassemia is the most commonly inherited hemolytic anemia,...* 29th October, 2009

Siriraj-Thalassemia Research Program, Haematology/Oncology Division,- Int J Hematol. 2009 Oct 29. ([DOI Direct Link](#))

- [\[Drug-induced agranulocytosis--case reports and literature review\]](#)  
*Drug-induced agranulocytosis is believed to be an extremely rare adverse...*23rd October, 2009  
Oddzial Chorob Wewnetrznych, Wojewodzkiego Szpitala Specjalistycznego w- Przegl Lek. 2009;66(6):343-7.
- [\[Toxic hematologic side effects of chemotherapy: nursing interventions\]](#)  
*Background Associations between aplastic anemia and numerous drugs,...*14th October, 2009  
- Pflege Z. 2009 Aug;62(8):466-9.
- [\[Ibuprofen induced agranulocytosis?\]](#)  
*In as many as one third of those afflicted with schizophrenia, the...*6th October, 2009  
- Therapie. 2009 Mar-Apr;64(2):135-6.
- [\[Necrotizing stomatitis: a possible periodontal manifestation of deferiprone-induced agranulocytosis.\]](#)  
*Thalassemia major is a rare inherited anemia, and affected children...*26th September, 2009  
Department of Periodontics, Government Dental College, PT. B. D. Sharma- Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2009 Oct;108(4):e13-9. ([DOI Direct Link](#))
- [\[Antineutrophil cytoplasmic antibody associated vasculitis: an uncommon side effect of propylthiouracil\]](#)  
*INTRODUCTION: Agranulocytosis or allergic skin reactions are common side...*11th September, 2009  
Service de medecine interne, endocrinologie, hopital d'instruction des- Rev Med Interne. 2009 Oct;30(10):882-5. Epub 2009 Sep 8. ([DOI Direct Link](#))
- [\[Incidence and risk factors of aplastic anemia in Latin American countries: the LATIN case-control study.\]](#)  
*Background Associations between aplastic anemia and numerous drugs,...*8th September, 2009  
Centro de Pesquisa Clinica, Instituto Israelita de Ensino e Pesquisa- Haematologica. 2009 Sep;94(9):1220-6. ([DOI Direct Link](#))
- [\[Clozapine-induced Bowel Infarction: A Case Report.\]](#)  
*Resistant schizophrenia is often treated with clozapine after other...*3rd September, 2009  
Drs. McKinnon and Azad are general psychiatry residents with US Air Force- Psychiatry (Edgmont). 2009 Mar;6(3):30-35.

#### Agranulocytosis Clinical Trials:



- [\[Etiology of Blood Dyscrasias: Analysis of the International Agranulocytosis and Aplastic Anemia Study Data\]](#)

#### Agranulocytosis Patents:



- 7393934- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)

- 7468419- [Cyclosporin derivatives for the treatment of immune disorders](#)
- 7470662- [Method of reducing the likelihood of implantation failure during an assisted reproduction in a female subject in a need thereof](#)
- 7479504- [Edg receptor agonists](#)
- 7482013- [Albumin fusion proteins](#)
- 7498298- [Monomethylvaline compounds capable of conjugation to ligands](#)
- 7501123- [Human G-protein chemokine receptor \(CCR5\) HDGMR10](#)
- 7507413- [Albumin fusion proteins](#)
- 7507414- [Albumin fusion proteins](#)
- 7507730- [Substituted pyrazolo\[1,5-a\]pyrimidines as potassium channel activators](#)
- 7507839- [Therapeutic ion channel blocking agents and methods of use thereof](#)
- 7465731- [HDAC inhibitor](#)
- 7459531- [50 Human secreted proteins](#)
- 7455853- [Medical devices containing rapamycin analogs](#)
- 7399480- [Methods of administering tetrazole-containing rapamycin analogs with other therapeutic substances using medical devices](#)
- 7399633- [Methods for immortalizing cells](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7427485- [Method for classification of anti-psychotic drugs](#)
- 7429238- [Systems and methods for the generation of crystalline polymorphs](#)
- 7432236- [Vasostatin as marrow protectant](#)
- 7435824- [Prodrugs of potassium channel inhibitors](#)
- 7435828- [Thiazolidin-4-one derivatives](#)
- 7442519- [KCNQ2-15 potassium channel](#)
- 7449184- [Fixed dosing of HER antibodies](#)
- 7517891- [Camptothecin derivatives and improved synthetic methods](#)
- 7521424- [Albumin fusion proteins](#)
- 7582635- [Therapeutic agents useful for treating pain](#)
- 7582654- [Heterocyclic inhibitors of potassium channel function](#)
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- 7619004- [Methods for concomitant administration of colchicine and macrolide antibiotics](#)
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- 7536297- [System and method for hybrid text mining for finding abbreviations and their definitions](#)
- 7541362- [Heterocyclic dihydropyrimidine compounds](#)
- 7544681- [Conjugated psychotropic drugs and uses thereof](#)
- 7550465- [Pyrido\[3,2-e\]pyrazines, their use as inhibitors of phosphodiesterase 10, and processes for preparing them](#)
- 7556939- [Identification and characterization of racemases, definition of protein signatures, and a test for detecting D-amino acid and for screening molecules capable of inhibiting the activity of racemase, especially proline racemase](#)
- 7557127- [HDAC inhibitor](#)
- 7560538- [Porcine isogloboside 3 synthase protein, cDNA, genomic organization, and regulatory region](#)

- 7569384- [Albumin fusion proteins](#)
- 7569545- [Methods of increasing neurotrophic factor expression](#)
- 7619006- [Conjugated psychotropic drugs and uses thereof](#)

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