

# Acromegaly

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Acromegaly is a syndrome that results when the pituitary gland produces excess growth hormone after epiphyseal plate closure. A number of disorders may be affecting the pituitary to create this circumstance, although most commonly it involves a GH producing tumor derived from a distinct type of cells and called pituitary adenoma. Acromegaly most commonly affects adults in their early twenties, and can result in severe disfigurement, serious complicating conditions, and premature death if unchecked. Because of its insidious pathogenesis and slow progression, the disease is hard to diagnose in the early stages and is frequently missed for many years, when changes in external features, especially of the face, become noticeable. Acromegaly is often also associated with gigantism. ([From the Wikipedia article Acromegaly.](#))

## Recent Publications on Acromegaly:



- [Increased plasma endothelin level as an endothelial marker of cardiovascular risk in patients with active acromegaly: A comparison with plasma homocysteine.](#)  
*The aim of the present study was to evaluate the plasma endothelin-1...*13th November, 2009  
Clinical Center of Endocrinology, Medical University, Sofia, Bulgaria.- *Methods Find Exp Clin Pharmacol.* 2009 Sep;31(7):457-61. ([DOI Direct Link](#))
- [Acromegaly with negative pituitary MRI and no evidence of ectopic source: the role of transphenoidal pituitary exploration?](#)  
*Growth hormone (GH) producing adenomas of the pituitary gland are usually...*12th November, 2009  
, 452 Old Hook Road,- Pituitary. 2009 Nov 11. ([DOI Direct Link](#))
- [Effectiveness of self- or partner-administration of an extended-release aqueous-gel formulation of lanreotide in lanreotide-naive patients with acromegaly.](#)  
*Surgical resection is often not curative in patients with acromegaly and...*10th November, 2009  
Division of Endocrinology, Johns Hopkins University School of Medicine,- Pituitary. 2009 Nov 8. ([DOI Direct Link](#))
- [Evolution of an Aggressive Prolactinoma into a Growth Hormone Secreting Pituitary Tumor Coincident with GNAS Gene Mutation.](#)  
*Context: Mixed PRL- and GH-secreting pituitary adenomas are relatively...*6th November, 2009  
Endocrinology and Diabetology Unit (A.G.L., G.M., E.P., P.B.P., A.S.),- *J Clin Endocrinol Metab.* 2009 Nov 4. ([DOI Direct Link](#))
- [Acromegaly pathogenesis and treatment.](#)  
*Dysregulated growth hormone (GH) hypersecretion is usually caused by a...*4th November, 2009  
Department of Medicine, Cedars-Sinai Medical Center, Los Angeles,- *J Clin Invest.* 2009 Nov;119(11):3189-202. doi: 10.1172/JCI39375. Epub 2009 ([DOI Direct Link](#))
- [Growth hormone isoforms in acromegalic patients before and after treatment with octreotide LAR.](#)  
*BACKGROUND: Human growth hormone (hGH) circulates as a mixture of...*4th November, 2009

Division of Endocrinology, Department of Internal Medicine, Hospital- Growth Horm IGF Res. 2009 Oct 31. ([DOI Direct Link](#))

- [\[AIP mutations in familial and sporadic pituitary adenomas: local experience and review of the literature.\]](#)  
*Clinically relevant pituitary adenomas occur 3-5 times more frequently...* 4th November, 2009  
Servicio de Endocrinología. Hospital Universitario de La Ribera. Alzira.- Endocrinol Nutr. 2009 Aug-Sep;56(7):369-77. ([DOI Direct Link](#))
- [Management of acromegaly in Latin America: expert panel recommendations.](#)  
*Although there are international guidelines orienting physicians on how to...* 3rd November, 2009  
The University of Michigan, Ann Arbor, MI, USA.- Pituitary. 2009 Oct 31. ([DOI Direct Link](#))
- [Associations between Body Composition, Circulating Interleukin-1 Receptor Antagonist, Osteocalcin, and Insulin Metabolism in Active Acromegaly.](#)  
*Objective: Patients with active acromegaly display a range of...* 3rd November, 2009  
Section of Endocrinology (T.U., S.L.F., K.G., T.L., T.S., J.B.), Research- J Clin Endocrinol Metab. 2009 Oct 30. ([DOI Direct Link](#))
- [The Exon-3 Deleted Growth Hormone Receptor Polymorphism Predisposes to Long-Term Complications of Acromegaly.](#)  
*Objective: The aim of the study was to evaluate the impact of the genomic...* 30th October, 2009  
Departments of Endocrinology and Metabolic Diseases (M.J.E.W., N.R.B.,- J Clin Endocrinol Metab. 2009 Oct 28. ([DOI Direct Link](#))
- [Hypertrophic Remodeling of Subcutaneous Small Resistance Arteries in Patients with Cushing's Syndrome.](#)  
*Objective: Structural alterations of small resistance arteries in...* 30th October, 2009  
Clinica Medica (D.R., E.P., C.D.C., S.P., N.R., C.P., G.E.A.P., C.A.R.,- J Clin Endocrinol Metab. 2009 Oct 28. ([DOI Direct Link](#))
- [Obstructive sleep apnea in a patient with the Melkersson-Rosenthal syndrome.](#)  
*INTRODUCTION: Melkersson-Rosenthal syndrome (MRS) is a rare disorder of...* 29th October, 2009  
University of Giessen Lung Center, Giessen, Germany.- Sleep Breath. 2009 Oct 28. ([DOI Direct Link](#))
- [The occurrence of thyroid focal lesions and a need for fine needle aspiration biopsy in patients with acromegaly due to an increased risk of thyroid cancer.](#)  
*OBJECTIVE: The high prevalence of goiter in acromegalic patients is well...* 27th October, 2009  
Department of Endocrinology, Metabolism and Internal Medicine, University- Neuro Endocrinol Lett. 2009 Aug 26;30(3):382-386.
- [Congenital hypothyroidism simulating acromegaly - a diagnostic pitfall.](#)  
*Since introduction of population-based neonatal screening for congenital...* 27th October, 2009  
Department of Endocrinology, Metabolism and Internal Medicine, University- Neuro Endocrinol Lett. 2009 Aug 26;30(3):322-326.
- [Sonographic depiction of trigger fingers in acromegaly.](#)  
*OBJECTIVE: The purpose of this study was to compare the prevalence of...* 27th October, 2009  
Department of Radiology, University of Genoa, 16128 Genoa, Italy.- J Ultrasound Med. 2009 Nov;28(11):1441-6.

## BioNews Results for Acromegaly

- [Higher hydrocortisone dose may be associated with increased mortality in acromegaly](#)  
*Endocrine Today: Nov 12 2009 4:42PM Matching: acromegaly*
- [Reportlinker Adds Injectable Drug Delivery: Market Impact and Industry Trends](#)  
*Freshnews.com: Nov 10 2009 4:54PM Matching: acromegaly*



## Acromegaly Clinical Trials:



- [Glucose Tolerance in Acromegaly: The Influence of GH-excess on Glucose Metabolism and Insulin Resistance](#)

## Acromegaly Patents:



- 7531341- [Compositions of prokaryotic phenylalanine ammonia-lyase and methods of using compositions thereof](#)
- 7553653- [Variants and chemically-modified variants of phenylalanine ammonia-lyase](#)
- 7557135- [Inhibitors of cytosolic phospholipase A.sub.2](#)
- 7558778- [Semantic exploration and discovery](#)
- 7560100- [Mixtures of polypeptides, compositions containing and processes for preparing same, for treating neurodegenerative diseases](#)
- 7560101- [Method of treatment of an infection in an animal with GM-CSF cysteine mutants in the proximal region to helix A](#)
- 7560102- [Method for reducing neuronal degeneration so as to ameliorate the effects of injury or disease](#)
- 7560263- [Compositions of prokaryotic phenylalanine ammonia-lyase and methods of treating cancer using compositions thereof](#)
- 7560546- [Tyrosine kinase inhibitors](#)
- 7566721- [Substituted thienol\[2,3-d\]pyrimidines as kinase inhibitors](#)
- 7566734- [Imidazolyl derivatives](#)
- 7550569- [Antibodies that specifically bind to GMAD](#)
- 7550423- [Somatostatin antagonists](#)
- 7547687- [Therapeutic treatment methods](#)
- 7531508- [Splice variant of the human pituitary growth hormone](#)
- 7534595- [Compositions of prokaryotic phenylalanine ammonia-lyase and methods of using compositions thereof](#)
- 7534792- [Pyrrolotriazine kinase inhibitors](#)
- 7534797- [6,6-Bicyclic ring substituted heterobicyclic protein kinase inhibitors](#)
- 7537923- [Compositions of prokaryotic phenylalanine ammonia-lyase and methods of treating cancer using compositions thereof](#)
- 7538109- [Quinoxalin-3-one derivatives as orexin receptor antagonists](#)
- 7538231- [Tyrosine kinase inhibitors](#)
- 7541018- [Treatment process using somatostatin analogues](#)
- 7541024- [Low salt forms of polyallylamine](#)
- 7547286- [Method to reduce inflammation and tactile finger sensation deficit due to carpal tunnel syndrome or arthritis](#)
- 7569384- [Albumin fusion proteins](#)

- 7569540- [Method for enhanced parenteral nutrition](#)
- 7592326- [Method for stimulating the immune, inflammatory or neuroprotective response](#)
- 7592422- [Modified plasminogen activator inhibitor type-1 and methods based thereon](#)
- 7592429- [Sclerostin-binding antibody](#)
- 7595333- [Agent for improving acidosis](#)
- 7598348- [Adiponectin receptor variant, AdipoR2v2](#)
- 7604799- [EphA4 Antibodies](#)
- 7605129- [Splice variant of human placental growth hormone](#)
- 7605289- [Benzamide derivatives and uses related thereto](#)
- 7611700- [Protease resistant modified interferon alpha polypeptides](#)
- 7612169- [Osteoprotegerin variant proteins](#)
- 7592010- [Albumin fusion proteins](#)
- 7579435- [Somatostatin-dopamine chimeric analogs](#)
- 7579025- [Anti-diabetic extract isolated from rauwolfia vomitoria and citrus aurantium, and methods of using same](#)
- 7569555- [Method for stimulating the immune, inflammatory or neuroprotective response](#)
- 7572618- [Polynucleotides encoding novel PCSK9 variants](#)
- 7572783- [Substituted benzofused heterocycles](#)
- 7572796- [Substituted indoles](#)
- 7572883- [Somatostatin-dopamine chimeric analogs](#)
- 7572899- [Compositions and methods for increasing bone mineralization](#)
- 7575746- [Modified human IGF-IR antibodies](#)
- 7576128- [Androgen receptor modulators](#)
- 7576131- [Use of \(-\) \(3-trihalomethylphenoxy\) \(4-halophenyl\) acetic acid derivatives for treatment of insulin resistance, type 2 diabetes, hyperlipidemia and hyperuricemia](#)
- 7578999- [Antibodies specific for sclerostin](#)
- 7612178- [Anti-IGF-1R antibodies and uses thereof](#)

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