

Autism

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Autism is a brain development disorder that impairs social interaction and communication, and causes restricted and repetitive behavior, all starting before a child is three years old. This set of signs distinguishes autism from milder autism spectrum disorders such as Asperger syndrome. Autism is highly heritable, although the genetics of autism are complex and it is generally unclear which genes are responsible. In rare cases, autism is strongly associated with agents that cause birth defects. Other proposed causes, such as childhood vaccines, are controversial and the vaccine hypotheses lack convincing scientific evidence. Most recent reviews estimate a prevalence of one to two cases per 1,000 people for autism, and about six per 1,000 for ASD, with ASD averaging a 4.3:1 male-to-female ratio. The number of people known to have autism has increased dramatically since the 1980s, at least partly due to changes in diagnostic practice; the question of whether actual prevalence has increased is unresolved. Autism affects many parts of the brain; how this occurs is poorly understood. Parents usually notice signs in the first two years of their child's life. Early intervention may help children gain self-care and social skills, although few of these interventions are supported by scientific studies. There is no cure. With severe autism, independent living is unlikely; with milder autism, there are some success stories for adults, and an autistic culture has developed, with some seeking a cure and others believing that autism is a condition rather than a disorder. ([From the Wikipedia article Autism](#).)

Recent Publications on Autism:



- [Cokgen: a software for the identification of rare copy number variation from SNP microarrays.](#)
*Until fairly recently, it was believed that essentially all human cells...*13th November, 2009
Department of Electrical Engineering & Computer Science, Case Western- Pac Symp Biocomput. 2010:371-82.
- [International Society for Autism Research News. Research](#)
*Until fairly recently, it was believed that essentially all human cells...*13th November, 2009
- Autism Res. 2009 Nov 11;2(5):291. ([DOI Direct Link](#))
- [The International Meeting for Autism Research. Research](#)
*Until fairly recently, it was believed that essentially all human cells...*13th November, 2009
- Autism Res. 2009 Nov 11;2(5):289-290. ([DOI Direct Link](#))
- [Exploring the Relationship Between Autistic-Like Traits and ADHD Behaviors in Early Childhood: Findings from a Community Twin Study of 2-Year-Olds.](#)
*Behaviors characteristic of autism and ADHD emerge in early childhood, yet...*13th November, 2009
Centre for Brain and Cognitive Development, School of Psychology, Birkbeck- J Abnorm Child Psychol. 2009 Nov 12. ([DOI Direct Link](#))
- [The eye gaze direction of an observed person can bias perception, memory, and attention in adolescents with and without autism spectrum disorder.](#)

- The reported experiments aimed to investigate whether a person and his or...13th November, 2009*
School of Psychology, University of Nottingham, University Park,- J Exp Child Psychol. 2009 Nov 10. ([DOI Direct Link](#))
- [Drug fails to subdue repetitive behavior in children with autism spectrum disorders.](#)
The reported experiments aimed to investigate whether a person and his or...13th November, 2009
- Harv Ment Health Lett. 2009 Oct;26(4):7.
 - [Do Gaze Cues in Complex Scenes Capture and Direct the Attention of High Functioning Adolescents with ASD? Evidence from Eye-tracking.](#)
Visual fixation patterns whilst viewing complex photographic scenes...12th November, 2009
School of Psychology, University of Nottingham, University Park,- J Autism Dev Disord. 2009 Nov 11. ([DOI Direct Link](#))
 - [Brief Report: Randomized Test of the Efficacy of Picture Exchange Communication System on Highly Generalized Picture Exchanges in Children with ASD.](#)
A randomized control trial comparing two social-communication...12th November, 2009
Department of Special Education, Vanderbilt University, Peabody Box 228,- J Autism Dev Disord. 2009 Nov 11. ([DOI Direct Link](#))
 - [Long-term speech and language developmental issues among children with Duarte galactosemia.](#)
PURPOSE:: There is limited information on long-term outcomes among...12th November, 2009
From the 1Association for University Centers on Disabilities (AUCD);- Genet Med. 2009 Nov 6. ([DOI Direct Link](#))
 - [G Protein Mediated Inhibition of Cav3.2 T-type Channels Revisited \(Relates to Article by Rangel, et al., Fast Forward 5 Oct 2009\).](#)
T-type calcium channels are important modulators of both membrane...12th November, 2009
University of Virginia Health Science Center.- Mol Pharmacol. 2009 Nov 10. ([DOI Direct Link](#))
 - [Birth Weight and Health and Developmental Outcomes in US Children, 1997-2005.](#)
The primary goal of this study was to assess the association between the...11th November, 2009
National Center on Birth Defects and Developmental Disabilities, Centers- Matern Child Health J. 2009 Nov 10. ([DOI Direct Link](#))
 - [Autism article fosters understanding.](#)
The primary goal of this study was to assess the association between the...11th November, 2009
- Radiol Technol. 2009 Nov-Dec;81(2):176-7.
 - [Children with autism show specific handwriting impairments.](#)
BACKGROUND: Handwriting skills, which are crucial for success in school,...11th November, 2009
Department of Neuroscience, Johns Hopkins School of Medicine, Baltimore,- Neurology. 2009 Nov 10;73(19):1532-7. ([DOI Direct Link](#))
 - [Word learning in children with autism spectrum disorders.](#)
Autism spectrum disorders (ASD) have been gaining attention, partly as an...11th November, 2009
University of Michigan Autism and Communication Disorders Center, USA.- Dev Psychol. 2009 Nov;45(6):1774-86. ([DOI Direct Link](#))
 - ['Learn the signs. Act early': a campaign to help every child reach his or her full potential.](#)
OBJECTIVE: To examine the application of a social marketing approach to...22nd September, 2009
Department of Health and Human Services, Centers for Disease Control and- Public Health. 2009 Sep;123 Suppl 1:e11-6. Epub 2009 Sep 19. ([DOI Direct Link](#))

BioNews Results for Autism

- [Vaccine Research Objective Included in Strategic Plan for Autism Research](#)
MedIndia: Nov 14 2009 5:48AM Matching: autism
- [Local Congressman Eliot Engel and Easter Seals New York Work Together to Help Individuals With Autism and Othe](#)

- KLFY: Nov 14 2009 3:55AM Matching: autism*
- [Children on antipsychotic drugs more prone to diabetes: Canadian study](#)
Ottawa Citizen: Nov 14 2009 4:48AM Matching: autism
 - [Landmark Autism Law Receives Royal Sign Off, UK](#)
Medical News Today: Nov 13 2009 3:51AM Matching: autism
 - [/CORRECTION -- Neuro-Med.net/](#)
Freshnews.com: Nov 13 2009 12:28AM Matching: autism
 - [Study: Respen-A medication appears to normalize brain function in autistic children](#)
News-Medical.Net: Nov 13 2009 6:27AM Matching: autism
 - [Medical News: Landmark Autism Law Receives Royal Sign Off, UK](#)
BioFind: Nov 13 2009 4:45AM Matching: autism
 - [Swine Flu Vaccine Offers Lessons in Leadership](#)
Health Leaders: Nov 13 2009 7:23PM Matching: autism
 - [GMC resumes inquiry into Dr Wakefield](#)
Irish Medical Times: Nov 13 2009 5:58PM Matching: autism
 - [Speech-Evolution Gene Discovered](#)
Sci-Tech Today: Nov 13 2009 4:23PM Matching: autism
 - [Gene found that seems key in evolution of speech - AP](#)
Guardian.co.uk: Nov 13 2009 10:54AM Matching: autism
 - [Autistic Children More Prone to Handwriting Difficulties](#)
MedIndia: Nov 13 2009 7:46AM Matching: autism
 - [Key gene in evolution of speech found](#)
China Post: Nov 13 2009 2:47AM Matching: autism
 - [IACC Includes Vaccine Research Objective In Strategic Plan For Autism Research](#)
Pharmaceutical Online: Nov 12 2009 6:42AM Matching: autism
 - [IACC to include vaccine research studies in the objectives of the updated Strategic Plan for Autism Research](#)
News-Medical.Net: Nov 12 2009 3:52PM Matching: autism

Autism Clinical Trials:



- [Intensive Intervention for Toddlers With Autism \(EARLY STEPS\)](#)

Autism Patents:



- 7557109- [Treatment for attention-deficit hyperactivity disorder](#)
- 7576083- [Morpholinyl piperidine glycine transporter inhibitors](#)

- 7576174- [Compositions capable of reducing elevated blood urea concentration](#)
- 7577481- [Methods and apparatus for effectuating a lasting change in a neural-function of a patient](#)
- 7579148- [Methods and compositions for diagnosing or monitoring autoimmune and chronic inflammatory diseases](#)
- 7579317- [Nutraceutical composition comprising soluble keratin or derivative thereof](#)
- 7579362- [Aza-bicycloalkyl ethers and their use as alpha7-nAChR agonists](#)
- 7579370- [Fused heterocycles](#)
- 7579474- [Substituted piperidines as modulators of dopamine neurotransmission](#)
- 7582619- [Compositions and methods for treatment of mitochondrial diseases](#)
- 7585627- [Polymorphism in tryptophan hydroxylase-2 controls brain serotonin synthesis](#)
- 7576077- [Fused heterocyclic compounds and their use as metabotropic glutamate receptor antagonists](#)
- 7572819- [Compounds which potentiate glutamate receptor and uses thereof in medicine](#)
- 7572792- [Azetidine glycine transporter inhibitors](#)
- 7560112- [Anti-il-6 antibodies, compositions, methods and uses](#)
- 7560433- [Treatment of multiple sclerosis \(MS\)](#)
- 7560562- [Piperidine derivatives and their use as monoamine neurotransmitter re-uptake inhibitors](#)
- 7563465- [Jucara and Acai fruit-based dietary supplements](#)
- 7563808- [Methods for treating cognitive impairments or dementia](#)
- 7566709- [1,3,4-Substituted pyrazoles as 5-HT receptor antagonists for the treatment of psychoses and neurological disorders](#)
- 7566735- [Compounds which potentiate AMPA receptor and uses thereof in medicine](#)
- 7566778- [\(Pyrido/thieno\)-\[f\]-oxazepine-5-one derivatives](#)
- 7569384- [Albumin fusion proteins](#)
- 7572605- [Gamma-hydroxybutyrate compositions containing carbohydrate, lipid or amino acid carriers](#)
- 7585881- [Additional heteropolycyclic compounds and their use as metabotropic glutamate receptor antagonists](#)
- 7589237- [Treatment of CNS disorders with trans 4-\(3,4-dichlorophenyl\)-1,2,3,4-tetrahydro-1-naphthalenamine](#)
- 7608394- [Methods and compositions for phenotype identification based on nucleic acid methylation](#)
- 7608629- [\(Piperidinyloxy\)phenyl, \(piperidinyloxy\)pyridinyl, \(piperidinylsulfanyl\)phenyl and \(piperidinylsulfanyl\)pyridinyl compounds as 5-HT.sub.1F agonists](#)
- 7608699- [Synthetic nuclear localization signal derived from lentiviral integrase and methods of use thereof](#)
- 7611858- [Detection of cannabinoid receptor biomarkers and uses thereof](#)
- 7612073- [Methods of administering tetrahydrobiopterin, associated compositions, and methods of measuring](#)
- 7612074- [Diazabicyclic aryl derivatives as cholinergy ligands](#)
- 7612210- [Process for selective synthesis of enantiomers of substituted 1-\(2-amino-1-phenyl-ethyl\)-cyclohexanols](#)
- 7614099- [Vibratable, sound-emitting, and inflatable sleeping bag for providing deep pressure](#)
- 7615349- [Melanoma gene signature](#)
- 7615572- [Pyrrole and pyrazole DAAO inhibitors](#)
- 7607777- [Method for diagnosis and treatment of processing difficulties, integration problems, imbalances and abnormal postures](#)
- 7605162- [Phenylpiperazine](#)
- 7604957- [Method for diagnosing immunologic food sensitivity](#)
- 7591779- [Adaptation resistant anti-stuttering devices and related methods](#)
- 7592010- [Albumin fusion proteins](#)
- 7595313- [Nitric oxide donating diuretic compounds, compositions and methods of use](#)
- 7595340- [Serotonin and norepinephrine reuptake inhibitor and uses thereof](#)
- 7597886- [Tumor necrosis factor-gamma](#)
- 7598384- [Tetrahydroquinolinones and their use as antagonists of metabotropic glutamate receptors](#)
- 7601335- [Pretreatment of a biological sample from an autoimmune disease subject](#)

- 7601717- [Pterin analogs](#)
- 7604936- [Methods and compositions for diagnosis and monitoring auto immune and chronic inflammatory diseases](#)
- 7604948- [Biomarkers for diagnosing an autism spectrum disorder](#)
- 7615648- [Aminomethyl-azacycle derivatives as inhibitors of monoamine uptake](#)

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