

# Dyslexia

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Dyslexia is a specific learning disability that manifests primarily as a difficulty with written language, particularly with reading and spelling. It is separate and distinct from reading difficulties resulting from other causes, such as deficiencies in intelligence, a non-neurological deficiency with vision or hearing, or from poor or inadequate reading instruction. Evidence suggests that dyslexia results from differences in how the brain processes written and/or verbal language. Although dyslexia is the result of a neurological difference, it is not an intellectual disability. Dyslexia occurs at all levels of intelligence, average, above average, and highly gifted. The word dyslexia comes from the Greek words dys- and 'lexis. People with dyslexia are called dyslexic or dyslectic. ([From the Wikipedia article Dyslexia](#).)



## Recent Publications on Dyslexia:

- [Dyslexia and DYX1C1: deficits in reading and spelling associated with a missense mutation.](#)  
*The status of DYX1C1 (C15q21.3) as a susceptibility gene for dyslexia is...* 11th November, 2009  
[1] Department of Psychology, University of Edinburgh, Edinburgh, UK [2]- *Mol Psychiatry*. 2009 Nov 10. ([DOI Direct Link](#))
- [Changes in reading strategies in school-age children.](#)  
*Learning to read is one of the most important cognitive milestones in the...* 11th November, 2009  
Departamento de Neuroimágenes Clínicas, Centro de Neurociencias, Avenida- *Span J Psychol*. 2009 Nov;12(2):441-53.
- [Number-processing skills in adults with dyslexia.](#)  
*The present study investigated basic numerical skills and arithmetic in...* 10th November, 2009  
University of York, York, UK.- *Q J Exp Psychol (Colchester)*. 2009 Nov 4:1-13. ([DOI Direct Link](#))
- [Dutch home-based pre-reading intervention with children at familial risk of dyslexia.](#)  
*Children (5 and 6 years old, n = 30) at familial risk of dyslexia received...* 10th November, 2009  
Department of Education, University of Amsterdam, P.O. Box 94208, 1090GE,- *Ann Dyslexia*. 2009 Nov 7. ([DOI Direct Link](#))
- [Second Language Learning Difficulties in Chinese Children With Dyslexia: What Are the Reading-Related Cognitive Skills That Contribute to English and Chinese Word Reading?](#)  
*This study examined the relations between reading-related cognitive skills...* 10th November, 2009  
- *J Learn Disabil*. 2009 Nov 6. ([DOI Direct Link](#))
- [Chapter 37 Alexia and agraphia.](#)  
*Studies of alexia and agraphia have played important roles in...* 7th November, 2009  
- *Handb Clin Neurol*. 2009;95:583-601. ([DOI Direct Link](#))
- [Changing concepts of dyslexia: nature, treatment and comorbidity.](#)  
*Studies of alexia and agraphia have played important roles in...* 7th November, 2009  
- *J Child Psychol Psychiatry*. 2009 Nov 4. ([DOI Direct Link](#))

- [\[Event-related potentials and auditory sensory memory.\]](#)  
*Objective: Deficits in auditory short-term memory are thought to underlie...*6th November, 2009  
Klinik fur Kinder- und Jugendpsychiatrie, Psychosomatik und Psychotherapie- Z Kinder  
Jugendpsychiatr Psychother. 2009 Nov;37(6):513-23. ([DOI Direct Link](#))
- [Newborn Event-Related Potentials Predict Poorer Pre-Reading Skills in Children at Risk for Dyslexia.](#)  
*Earlier results from the Jyvaskyla Longitudinal Study of Dyslexia showed...*6th November, 2009  
- J Learn Disabil. 2009 Nov 4. ([DOI Direct Link](#))
- [Dyslexic children show short-term memory deficits in phonological storage and serial rehearsal: an fMRI study.](#)  
*Dyslexia is primarily associated with a phonological processing deficit....*30th October, 2009  
Department of Biological and Medical Psychology, University of Bergen,- Int J Neurosci.  
2009;119(11):2017-43.
- [Intact first- and second-order implicit sequence learning in secondary-school-aged children with developmental dyslexia.](#)  
*We examined the influence of task complexity on implicit sequence learning...*28th October, 2009  
Department of Cognitive Psychology, Vrije Universiteit Brussel, Brussels,- J Clin Exp Neuropsychol.  
2009 Oct 26:1-12. ([DOI Direct Link](#))
- [Is the visual analyzer orthographic-specific? Reading words and numbers in letter position dyslexia.](#)  
*Letter position dyslexia (LPD) is a deficit in the encoding of letter...*27th October, 2009  
Language and Brain Lab, School of Education, Tel Aviv University, Israel.- Cortex. 2009 Aug 27. ([DOI Direct Link](#))
- [Sleep spindle activity is correlated with reading abilities in developmental dyslexia.](#)  
*STUDY OBJECTIVES: To analyze sleep architecture of children with dyslexia,...*24th October, 2009  
Center for Pediatric Sleep Disorders, Department of Developmental- Sleep. 2009 Oct  
1;32(10):1333-40.
- [Developmental delay syndromes: psychometric testing before and after chiropractic treatment of 157 children.](#)  
*OBJECTIVE: This study presents a case series of 157 children with...*20th October, 2009  
Chiropractic Health- J Manipulative Physiol Ther. 2009 Oct;32(8):660-9. ([DOI Direct Link](#))
- [Defining Dyslexia.](#)  
*In 2007, the New Zealand Ministry of Education formally recognized the...*17th October, 2009  
- J Learn Disabil. 2009 Oct 15. ([DOI Direct Link](#))

## BioNews Results for Dyslexia

- [Neural Mechanism Reveals Why Dyslexic Brain Has Trouble Distinguishing Speech From Noise](#)  
*Red Orbit: Nov 12 2009 1:10AM Matching: dyslexia*
- [Children with developmental dyslexia have difficulties separating relevant auditory information from irrelevant noise](#)  
*News-Medical.Net: Nov 12 2009 6:50AM Matching: dyslexia*
- [New Brain Findings on Dyslexic Children: Study](#)  
*MedIndia: Nov 12 2009 6:07PM Matching: dyslexia*
- [New Brain Findings On Dyslexic Children](#)  
*Red Orbit: Nov 12 2009 1:10AM Matching: dyslexia*
- [Neural Mechanism Reveals Why Dyslexic Brain Has Trouble Distinguishing Speech From Noise](#)  
*Medical News Today: Nov 12 2009 6:42PM Matching: dyslexia*
- [Dyslexic students have trouble focusing in noisy school](#)  
*SmartBrief: Nov 12 2009 5:31PM Matching: dyslexia*
- [Neural mechanism reveals why dyslexic brain has trouble distinguishing speech from noise](#)  
*EurekAlert!: Nov 11 2009 6:04PM Matching: dyslexia*

- [Dyslexia May Make It Tough to Tune Out School Noise](#)  
*National Womens Health Information Center: Nov 11 2009 7:28PM Matching: dyslexia*
- [New brain findings on dyslexic children](#)  
*Genetic Engineering News: Nov 11 2009 6:26PM Matching: dyslexia*
- [New Brain Findings On Dyslexic Children: Good Readers Learn From Repeating Auditory Signals, Poor Readers Do Not](#)  
*Science Daily: Nov 11 2009 6:22PM Matching: dyslexia*
- [New brain findings on dyslexic children](#)  
*EurekAlert!: Nov 11 2009 6:04PM Matching: dyslexia*
- [Schools shun Kindle, saying blind can't use it](#)  
*Research & Development: Nov 11 2009 5:49AM Matching: dyslexia*
- [Dyslexia and DYX1C1: deficits in reading and spelling associated with a missense mutation](#)  
*Molecular Psychiatry Journal: Nov 10 2009 3:46PM Matching: dyslexia*
- [Cabbage cure for cancer claims land quack in hot water](#)  
*MBL.is: Nov 7 2009 10:38PM Matching: dyslexia*
- [Mental health check-up for children](#)  
*The Hindu: Oct 30 2009 7:17PM Matching: dyslexia*

#### Dyslexia Clinical Trials:



- [Implementation of Climb Up Program for Children With Attention Deficit Hyperactivity Disorder \(ADHD\) and Dyslexia in a School in India](#)

#### Dyslexia Patents:



- 7425561- [3-substituted-2\(arylalkyl\)-1-azabicycloalkanes and methods of use thereof](#)
- 7467746- [Magnetically activated guiding device and method](#)
- 7476740- [Tropane compounds](#)
- 7479506- [Agent or method for treating severe aphasia in cerebrovascular accident chronic stage](#)
- 7479559- [Benzyl\(idene\)-lactam derivatives](#)
- 7482013- [Albumin fusion proteins](#)
- 7501123- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7504428- [2-phenyl-3,3,3-trifluoro-2-hydroxy-propionic acid derivatives](#)
- 7507413- [Albumin fusion proteins](#)
- 7507414- [Albumin fusion proteins](#)
- 7514079- [Antibodies that specifically bind to neurokinin B](#)
- 7459531- [50 Human secreted proteins](#)

- 7459469- [Hydroxybenzoate salts of metanicoine compounds](#)
- 7427136- [Method for diagnosis and treatment of processing difficulties, integration problems, imbalances and abnormal postures](#)
- 7432060- [Methods for diagnosis of cardiovascular disease](#)
- 7433893- [Method and system for compression indexing and efficient proximity search of text data](#)
- 7439236- [Pharmaceutical composition for the treatment of CNS and other disorders](#)
- 7439346- [Nucleic acids arrays and methods of use therefor](#)
- 7442694- [Diazabicyclic compounds useful in the treatment of CNS and other disorders](#)
- 7445775- [Yeast expression vector and a method of making a recombinant protein by expression in a yeast cell](#)
- 7446176- [12 human secreted proteins](#)
- 7456177- [Heteroaryl fused azapolycyclic compounds](#)
- 7459433- [Homotrimeric extended OBG3 globular head and uses thereof](#)
- 7514099- [Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules](#)
- 7514450- [Azabicyclic aryl derivatives](#)
- 7517864- [RNA interference mediated inhibition of vascular endothelial growth factor and vascular endothelial growth factor receptor gene expression using short interfering nucleic acid \(siNA\)](#)
- 7579354- [Adenosine receptor antagonists and methods of making and using the same](#)
- 7584073- [Method for checking the appropriateness of a mass value of an aircraft](#)
- 7591779- [Adaptation resistant anti-stuttering devices and related methods](#)
- 7592010- [Albumin fusion proteins](#)
- 7599499- [Method for fitting a hearing aid to the needs of a hearing aid user and assistive tool for use when fitting a hearing aid to a hearing aid user](#)
- 7601809- [Cytokine receptor zcytor19](#)
- 7607777- [Method for diagnosis and treatment of processing difficulties, integration problems, imbalances and abnormal postures](#)
- 7607918- [Method and system for spatial, appearance and acoustic coding of words and sentences](#)
- 7608452- [Polynucleotides encoding cytokine receptor zcytor19](#)
- 7612074- [Diazabicyclic aryl derivatives as cholinergy ligands](#)
- 7576217- [Quinolines as allosteric enhancers of the GABA.sub.B receptors](#)
- 7575321- [Apparatus and method of diagnosis of optically identifiable ophthalmic conditions](#)
- 7521424- [Albumin fusion proteins](#)
- 7527498- [Method and apparatus for timing reading](#)
- 7531555- [Compositions and methods for selective inhibition of nicotine acetylcholine receptors](#)
- 7550293- [Chimeric nicotinic receptor subunits](#)
- 7554522- [Personalization of user accessibility options](#)
- 7557088- [Methods and compositions for treating conditions](#)
- 7563595- [Nucleic acids encoding functional splice variants of the .alpha.7 nicotinic acetylcholine receptor subunit and methods for producing the encoded proteins](#)
- 7563808- [Methods for treating cognitive impairments or dementia](#)
- 7565759- [Reading focus card](#)
- 7569384- [Albumin fusion proteins](#)
- 7613731- [Method of analysis, abstraction, and delivery of electronic information](#)

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