

# Autism Research Institute

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## The Vaccine-Autism Connection – Part I (Thimerosal)

### Partial list of studies linking thimerosal to Autism

The Centers for Disease Control and the American Academy of Pediatrics have issued a statement asserting that “the available scientific evidence has not shown thimerosal-containing vaccines to be harmful.” Their statement is false. Following are some of the scientific studies that demonstrate thimerosal, a mercury-containing substance that is used as a preservative, to be harmful and to be a highly probably causal factor in autism. Note that these studies are consistently ignored in the medical establishment’s publications claiming that there is no evidence for vaccine-caused autism.

Bernard S, Enayati A, Redwood L, Roger H, Binstock T. Autism: a novel form of mercury poisoning. *Med. Hypotheses*. 2001 Apr;56(4):462-71. PMID: 11339848

Geier DA, Geier MR. An assessment of the impact of thimerosal on childhood neurodevelopmental disorders. *Pediatr Rehabil*. 2003 Apr-Jun;6(2):97-102. PMID: 14534046

Geier MR, Geier DA. Neurodevelopmental disorders after thimerosal-containing vaccines: a brief communication. *Exp Biol Med (Maywood)*. 2003 Jun;228(6):660-4. PMID: 12773696

Geier & Geier. Parents' worries about thimerosal in vaccines are well founded! <http://pediatrics.aappublications.org/cgi/eletters/112/6/1394>

David Baskin, M.D. et al. Thimerosal induces DNA breaks, caspase-3 activation, membrane damage, and cell death in cultured human neurons and fibroblasts. *Toxicol Sci*. 2003 Aug;74(2):361-8. Epub 2003 May 28. PMID: 12773768

Mady Hornig, M.D Etiologic factors and pathogenesis of autism: evidence from clinical studies and animal models. IOM presentation, Feb 9 2004  
Audio only: <http://www.iom.edu/view.asp?id=19108>

Richard C. Deth, Ph.D. Effects of Mercury on Methionine Synthase: Implications for Disordered Methylation in Autism DAN! 2003 Philadelphia - <http://216.117.159.91/powerpoint/dan2003/RichardDeth.htm>

Richard C. Deth, Ph.D. A Link Between Thimerosal and the Brain: Can Vaccines Affect Central Nervous System Function? *Molecular Psychiatry* 2004, Volume 9.

Vojdani A, Pangborn JB et al. Infections, toxic chemicals and dietary peptides binding to lymphocyte receptors and tissue enzymes are major instigators of autoimmunity in autism. *Int J Immunopathol Pharmacol*. 2003 Sep-Dec;16(3):189-99. PMID: 14611720

Jeff Bradstreet, M.D. A Case-control Study of Mercury Burden in Children with Autistic Disorders and Measles Virus Genomic RNA in Cerebrospinal Fluid in Children with Regressive Autism. IOM presentation, Feb 9, 2004  
Slides: <http://www.iom.edu/view.asp?id=18578> - Audio: <http://www.iom.edu/view.asp?id=19130>

Valsamakis A et al. Altered virulence of vaccine strains of measles virus after prolonged replication in human tissue. *J Virol*. 1999 73(10): 8791-7. PMID 10482633 <http://jvi.asm.org/cgi/reprint/73/10/8791.pdf>

The CDC's original findings before the CDC began to manipulate the data, obtained via the Freedom of Information Act: High risk values for thimerosal injections and a range of neurologic problems, including ADHD, tics, language problems, and autism.  
<http://factsformedia.com/factsformedia/thimerosalstudy.pdf>

Excerpts from CDC's in-house conference: Thimerosal sequelae  
<http://www.nationalautismassociation.org/library/IOM%20Simpsonwood%20in%20bold.pdf>

Congressman, Dr. Weldon's letter to the CDC director, available at:  
[http://momsonamissionforautism.org/Autism\\_Central/Dr\\_Weldon\\_Responds.shtml](http://momsonamissionforautism.org/Autism_Central/Dr_Weldon_Responds.shtml)

Institute of Medicine presentation of Congressman Dave Weldon, M.D. - <http://www.nationalautismassociation.org/pdf/Weldon.pdf>

Geier MR, Geier DA. Autism and thimerosal-containing vaccines: analysis of the Vaccine Adverse Events Reporting System (VAERS). IOM presentation, Feb 9, 2004. Slides: <http://www.iom.edu/view.asp?id=18392> -- Audio: <http://www.iom.edu/view.asp?id=19120>

David Baskin, M.D. Relation of Neurotoxic Effects of Thimerosal to Autism. IOM presentation, Feb 9, 2004.  
Audio only: <http://www.iom.edu/view.asp?id=19124>