

Autism Research Institute

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The Vaccine-Autism Connection – Part II (MMR)

Partial list of scientific studies linking the MMR vaccine and autism:

Following are some of the scientific studies that demonstrate the MMR vaccine to be a significant 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.

Wakefield AJ, Murch SH, Anthony A, Linnell J, Casson DM, Malik M, Berelowitz M, Dhillon AP, Thomson MA, Harvey P, Valentine A, Davies SE, Walker-Smith JA. Ileal-lymphoid-nodular hyperplasia, non-specific colitis, and pervasive developmental disorder in children. *Lancet*. 1998 28;351(9103):637-41. PMID: 9500320

Ashwood P et al. Intestinal lymphocyte populations in children with regressive autism: evidence for extensive mucosal immunopathology. *J Clin Immunol*. 2003 Nov;23(6):504-17. PMID: 15031638

Wakefield AJ. Enterocolitis, autism and measles virus. *Mol Psychiatry*. 2002;7 Suppl 2:S44-6. PMID: 12142948

Wakefield AJ. The gut-brain axis in childhood developmental disorders. *J Pediatr Gastroenterol Nutr*. 2002 May-Jun;34 Suppl 1:S14-7. PMID: 12082381

Torrente F et al. Small intestinal enteropathy with epithelial IgG and complement deposition in children with regressive autism. *Mol Psychiatry*. 2002;7(4):375-82, 334. PMID: 11986981

Wakefield AJ et al. Review article: the concept of entero-colonic encephalopathy, autism and opioid receptor ligands. *Aliment Pharmacol Ther* 2002 16(4):663-74. PMID 11929383

Furlano RI et al. Colonic CD8 and gamma delta T-cell infiltration with epithelial damage in children with autism. *J Pediatr*. 2001 Mar;138(3):366-72. PMID: 11241044

O'Leary JJ et al. Measles virus and autism. *Lancet*. 2000 Aug 26;356(9231):772. PMID: 11085720

Wakefield AJ et al. Enterocolitis in children with developmental disorders. *Am J Gastroenterol*. 2000 Sep;95(9):2285-95. PMID: 11007230

Wakefield AJ, Montgomery SM. Autism, viral infection and measles-mumps-rubella vaccination. *Isr Med Assoc J*. 1999 Nov;1(3):183-7. PMID: 10731332

Wakefield AJ. MMR vaccination and autism. *Lancet*. 1999 Sep 11;354(9182):949-50. PMID: 10489978

Quigley EM, Hurley D. Autism and the gastrointestinal tract. *Am J Gastroenterol*. 2000 Sep;95(9):2154-6. PMID: 11007210

Kawashima H et al. Detection and sequencing of measles virus from peripheral mononuclear cells from patients with inflammatory bowel disease and autism. *Dig Dis Sci*. 2000 Apr;45(4):723-9. PMID 10759242

Vijendra K. Singh, Ph.D. Autism, Vaccines, and Immune Reactions. IOM presentation, Feb 9, 2004.
Audio only: <http://www.iom.edu/view.asp?id=19132>

Singh VK, Jensen RL. Elevated levels of measles antibodies in children with autism. *Pediatr Neurol*. 2003 Apr;28(4):292-4. PMID: 12849883

Singh VK et al. Abnormal measles-mumps-rubella antibodies and CNS autoimmunity in children with autism. *J Biomed Sci*. 2002 Jul-Aug;9(4):359-64. PMID 12145534