



SHEICON2017

SEATTLE APRIL 27-30



LIVE STREAM

Paul Thomas MD

Walking to school - with shoes!

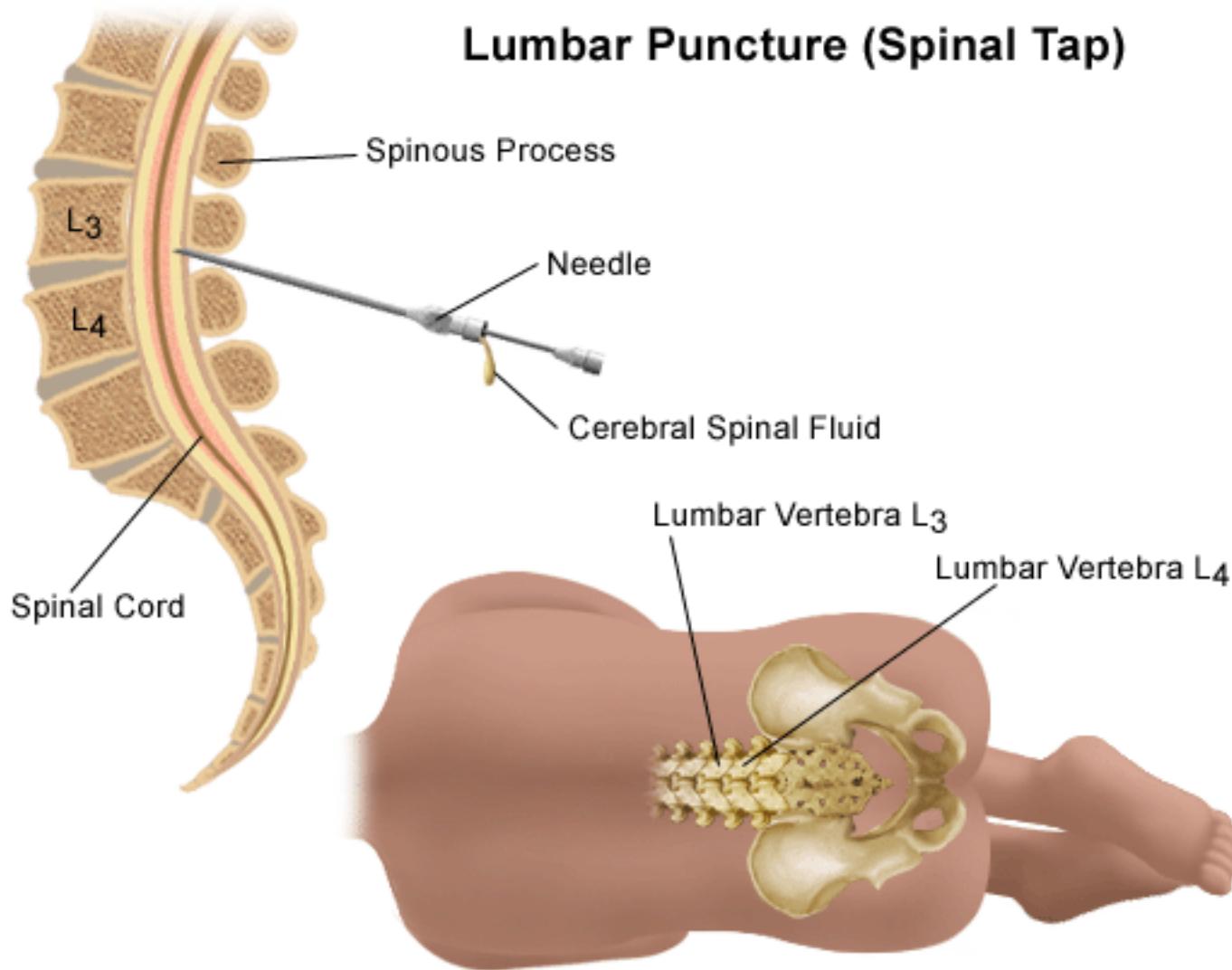




Dartmouth
GEISEL SCHOOL OF
MEDICINE



Lumbar Puncture (Spinal Tap)



My Patients were not doing well



OUR CHILDREN ARE SICK

- Twenty Pediatric Chronic Diseases (PCD) endemic since the 1980s now impact 43% of USA children
- Annual costs of \$500 billion just from autism, food allergies, asthma, and ADHD
- Autism 1/45
- ADHD 1/10
- Asthma 1/12

Jack's story



The Vaccine-Friendly Plan

- No vaccines in pregnancy
- No Hepatitis B vaccine until pre-teen
- No IPV, Rotavirus or Hep A vaccines
- Only one aluminum vaccine at a time
- MMR after age 3 years
- Varicella at school age if desired
- No vaccines if FH autism/AI or develop. delays

VACCINE-FRIENDLY PLAN DATA

Approach	#	Autism/ASD
Lost Dx		
Group 1 V-F PLAN	1098	0
Group 2 No Vax.	238	0
Group 3 Most Vax.	894	15 (1/60)

Toxins That May Be Implicated in ADHD, ADD, Anxiety, Autism, and Other Developmental Delays

Acetaminophen (also called paracetamol), a pain reliever found in more than six hundred over-the-counter and prescription medications, including DayQuil, Robitussin, Sudafed, Tylenol, and Vicks

Aluminum, a metal injected as an adjuvant in vaccines and other pharmaceutical products, also found as a contaminant in intravenous nutritional products

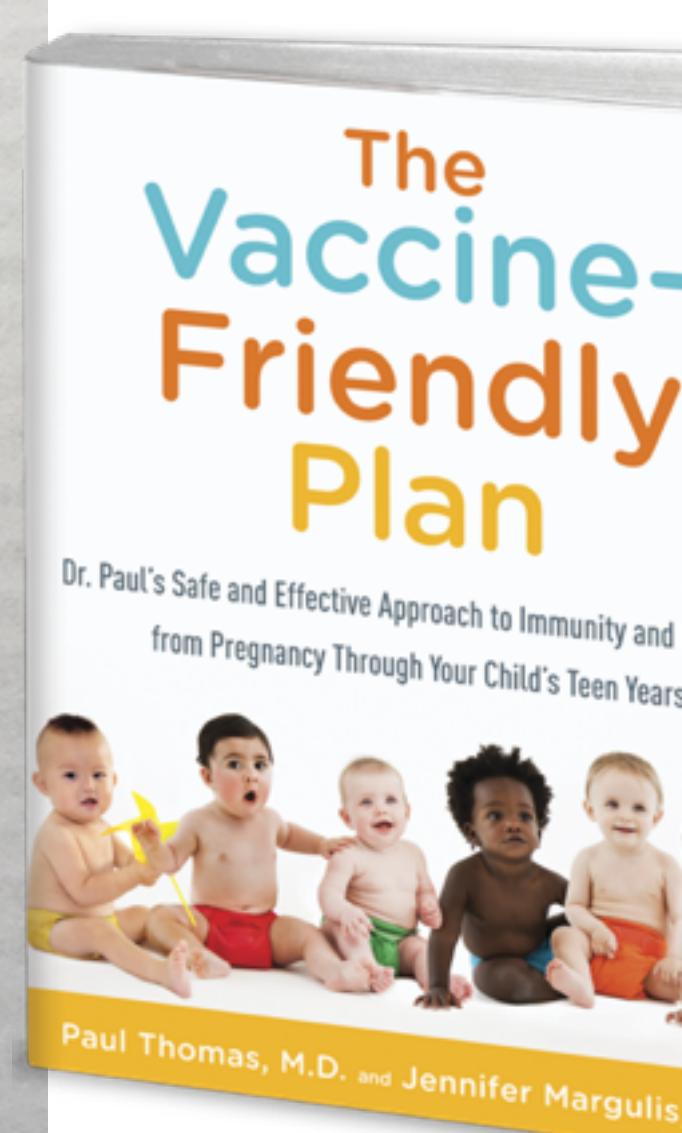
Aspartame (NutraSweet, also called E951), an artificial sweetener used as a sugar substitute in processed foods and beverages

Endocrine disruptors, any chemicals that interfere with the human endocrine (hormone) system, including pesticides, herbicides, chemical softeners in plastic, flame retardants, and chemicals used in agriculture, disease control, manufacturing, and industrial processing. Known endocrine disruptors include BPA, DDT, DEHP, DES, dioxin, PCBs, and PCBEs.

Fluoride, a chemical added to drinking water and found in toothpaste, pesticides, Teflon pans, and processed foods and beverages

Methanol, a chemical found in cigarette smoke, canned and jarred foods, smoked fish and meat, and any food product that contains aspartame

Mercury, an element found in thimerosal (a mercury-based preservative widely used in infant vaccines until 2001 and still used in some flu, DTaP, DT, and meningococcal vaccines), dental amalgams (fillings), fish, shellfish, and animals that eat fish, released into the air from coal-burning factories and aluminum smelters



CDC Vaccination Schedules, 1983 and 2016

1983:	11	(5 by 13 months)
2016:	59	(28 by 13 months)

CDC vaccine schedule in 1983

DTP [2 months]
OPV [2 months]
DTP [4 months]
OPV [4 months]
DTP [6 months]
MMR [15 months]
DTP [18 months]
OPV [18 months]
DTP [4-6 years]
OPV [4-6 years]
Td [14-16 years]

CDC vaccine schedule in 2016

Influenza [pregnancy]
DTaP [pregnancy]
Hepatitis B [birth]
Hepatitis B [2 months]
Rotavirus [2 months]
DTaP [2 months]
Hib [2 months]
PCV [2 months]
IPV [2 months]
Rotavirus [4 months]
DTaP [4 months]
Hib [4 months]
PCV [4 months]
IPV [4 months]
Hep B [6 months]
Rotavirus [6 months]
DTaP [6 months]
Hib [6 months]
PCV [6 months]
IPV [6 months]
Influenza [6 months]
Influenza [7 months]
Hib [12 months]
PCV [12 months]
Influenza [12 months]
MMR [12-15 months]
Varicella [12-15 months]
Hep A [12 months]
DTaP [15-18 months]
Hep A [18 months]

CDC vaccine schedule in 2016

Influenza [2 years]
Influenza [3 years]
DTaP [4-6 years]
Influenza [4 years]
IPV [4-6 years]
MMR [4-6 years]
Varicella [4-6 years]
Influenza [5 years]
Influenza [6 years]
Influenza [7 years]
Influenza [8 years]
Influenza [9 years]
Influenza [10 years]
Tdap [11-12 years]
HPV [11-12 years]
MCV4 [11-12 years]
Influenza [11 years]
HPV [11-12 years]
Influenza [12 years]
Influenza [13 years]
Tdap [13-18 years]
HPV [12.5 years]
HPV [13-18 years]
Influenza [14 years]
Influenza [15 years]
Influenza [16 years]
MCV4 [16 years]
Influenza [17 years]
Influenza [18 years]

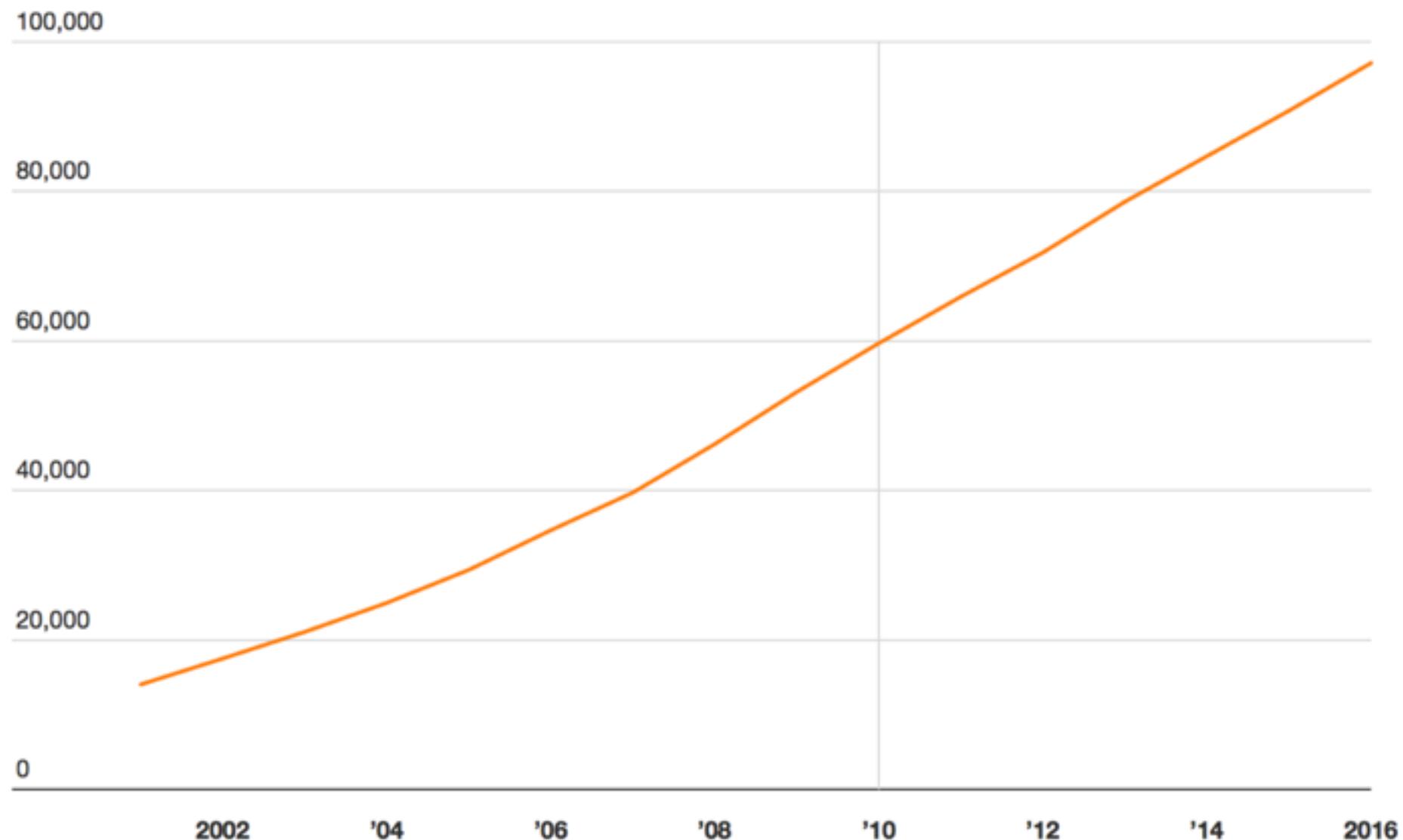
Autism rates in California public schools jumped 7 percent in 2016

THE SACRAMENTO BEE



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Alre

California public school students diagnosed with autism, 2001-2016



AUTISM IN CALIFORNIA

97,000 kids with Autism Dx in public schools

7% increase from 2015 to 2016

12% increase in Dx in Sacramento region

17% increase Kindergarten (last year)

WHAT IF VACCINES DURING PREGNANCY ARE TOXIC?



Vaccine safety Studies done by Tdap manufacturers: **ZERO**

Boostrix. Animal fertility studies have not been conducted with BOOSTRIX. **There are no adequate and well-controlled studies in pregnant women.** Because animal reproduction studies are not always predictive of human response, BOOSTRIX should be given to a pregnant woman only if clearly needed.

Vaccine safety Studies done by Tdap manufacturers:
ZERO

Pregnancy Category C

Animal reproduction studies have not been conducted with Adacel vaccine. It is also not known whether Adacel vaccine can cause fatal harm when administered to a pregnant woman or can affect reproductive capacity. Adacel vaccine should be given to a pregnant woman only if clearly needed. Animal fertility studies have not been conducted with Adacel vaccine.

The CDC Safety Studies:

A close-up photograph of a pregnant woman's lower abdomen and pelvic area. Her hands are resting on her belly. In the bottom left corner, a medical syringe with a needle is partially visible, pointing towards the center of the image.

Safety

- Sukumaran L, McCarthy NL, Kharbanda EO, Weintraub ES, Vazquez-Benitez G, McNeil MM, et al. [Safety of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis and influenza vaccinations in pregnancy](#). *Obstetrics & Gynecology*. 2015;126(5):1069–74.
- Sukumaran L, McCarthy NL, Kharbanda EO, McNeil MM, Naleway AL, Klein NP, et al. [Association of Tdap vaccination with acute events and adverse birth outcomes among pregnant women with prior tetanus-containing immunizations](#). *JAMA*. 2015;314(15):1581–7.
- Morgan JL, Baggari SR, McIntire DD, Sheffield JS. [Pregnancy outcomes after antepartum tetanus, diphtheria, and acellular pertussis vaccination](#). *Obstetrics & Gynecology*. 2015;125(6):1433–8.
- Czeizel AE, Rockenbauer M. [Tetanus toxoid and congenital abnormalities](#). *Int J Gynecol Obstet*. 1999;64:253–8.
- Donegan K, King B, Bryan P. [Safety of pertussis vaccination in pregnant women in UK: Observational study](#). *BMJ*. 2014;349:g4219.
- Hardy-Fairbanks AJ, Pan SJ, Decker MD, Johnson DR, Greenberg DP, Kirkland KB, Talbot EA, Bernstein HH. [Immune responses in infants whose mothers received Tdap vaccine during pregnancy](#). *Pediatr Infect Dis J*. 2013;32:1257–60.
- Kharbanda EO, Vazquez-Benitez G, Lipkind HS, Klein NP et al. [Evaluation of the Association of Maternal Pertussis Vaccination With Obstetric Events and Birth Outcomes](#). *JAMA*. 2014;312(18):1897–1904.
- Kharbanda EO, Vazquez-Benitez G, Lipkind H, Naleway AL, Klein NP, Cheetham TC, Hambidge SJ, Vellozzi C, Nordin JD. [Receipt of pertussis vaccine during pregnancy across 7 Vaccine Safety Datalink Sites](#). *Prev Med*. 2014;67:316–9.
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- Moro P. Safety of Tdap vaccine during pregnancy: enhanced surveillance in VAERS presented to the Advisory Committee on Immunization Practices (ACIP), Atlanta, GA; February 26, 2014.
- Munoz FM, Bond NH, Maccato M, Pinell P, Hammill HA, Swamy GK, Walter EB, Jackson LA, Englund JA, Edwards MS, Healy CM, Petrie CR, Ferreira J, Goll JB, Baker CJ. [Safety and immunogenicity of tetanus diphtheria and acellular pertussis \(Tdap\) immunization during pregnancy in mothers and infants: A randomized clinical trial](#). *JAMA*. 2014;311(17):1760–9.
- Rasmussen S. Safety of maternal Tdap vaccination for mother and fetus presented to the Advisory Committee on Immunization Practices (ACIP), Atlanta, GA; June 22, 2011.
- Schofield FD, Tucker VM, Westbrook GR. [Neonatal tetanus in New Guinea. Effect of active immunization in pregnancy](#). *Br Med J*. 1961;2:785–9.
- Silveria CM, Caceres VM, Dutra MG, Lopes-Camelo J, Castilla EE. [Safety of tetanus toxoid in pregnant women: a hospital-based case-control study of congenital anomalies](#). *Bull World Health Organ*. 1995;73:605–8.
- Shakib JH, Korgenski K, Sheng X, Varner MW, Pavia AT, Byington CL. Tetanus, diphtheria, acellular pertussis vaccine during pregnancy: pregnancy and infant health outcomes. *J Pediatr*. 2013; 163(5):1422–26.

STUDY 5

STUDY DESIGN

California database 2010 - 2012 analyzed for Dtap in pregnancy

(those pregnancies that resulted in live birth)

123,494 - got Tdap (21%)

97,265 - no Tdap (control)

RESULTS

No difference in Hypertension, preterm or SGA outcomes

Significantly more chorioamnionitis:

6.1% in vaccinated moms

Neonatal death rate of 1.4 in every 1000 live newborn infants compared to 0.81 in every 1000 for newborns without chorioamnionitis. Means 20,000 extra cases of chorio = 28 extra infant deaths. *Journal of Perinatology* 34, 611-615 (August 2014) | doi:10.1038/jp.2014.81

JAMA. 2014 Nov 12;312(18):1897-904. doi: 10.1001/jama.2014.14825.

Evaluation of the association of maternal pertussis vaccination with obstetric events and birth outcomes.

Kharbanda EO¹, Vazquez-Benitez G¹, Lipkind HS², Klein NP³, Cheetham TC⁴, Naleway A⁵, Omer SB⁶, Hambidge SJ⁷, Lee GM⁸, Jackson ML⁹, McCarthy NL¹⁰, DeStefano F¹⁰, Nordin JD¹.

Prenatal mercury exposure lowered IQ.

Children with cord blood mercury > 7.5 were 4X more likely to have IQ < 80

80 % of flu shots contain mercury
(thimerosal)

Environ Health Perspect; DOI:10.1289/ehp.1408554

Relation of Prenatal Methylmercury Exposure from Environmental Sources to Childhood IQ

Joseph L. Jacobson,¹ Gina Muckle,² Pierre Ayotte,² Éric Dewailly,² and Sandra W. Jacobson¹

FLUZONE

Pregnancy Category C:

Animal reproduction studies have not been conducted with Fluzone

It is also **not known whether Fluzone High-Dose can cause fetal harm when administered to a pregnant woman or can affect reproduction capacity.**

Fluzone High-Dose should be given to a pregnant woman only if clearly needed.

Influenza (Afluria)	beta-propiolactone, thimerosol (multi-dose vials only), monobasic sodium phosphate, dibasic sodium phosphate, monobasic potassium phosphate, potassium chloride, calcium chloride, sodium taurodeoxycholate, neomycin sulfate, polymyxin B, egg protein, sucrose	December 2013
Influenza (Agriflu)	egg proteins, formaldehyde, polysorbate 80, cetyltrimethylammonium bromide, neomycin sulfate, kanamycin, barium	2013
Influenza (Fluarix) Trivalent and Quadrivalent	octoxynol-10 (Triton X-100), α -tocopheryl hydrogen succinate, polysorbate 80 (Tween 80), hydrocortisone, gentamicin sulfate, ovalbumin, formaldehyde, sodium deoxycholate, sucrose, phosphate buffer	June 2014
Influenza (Flublok)	monobasic sodium phosphate, dibasic sodium phosphate, polysorbate 20, baculovirus and host cell proteins, baculovirus and cellular DNA, Triton X-100, lipids, vitamins, amino acids, mineral salts	March 2014
Influenza (Flucelvax)	Madin Darby Canine Kidney (MDCK) cell protein, MDCK cell DNA, polysorbate 80, cetyltrimethylammonium bromide, β -propiolactone, phosphate buffer	March 2014
Influenza (Fluvirin)	nonylphenol ethoxylate, thimerosal (multidose vial—trace only in prefilled syringe), polymyxin, neomycin, beta-propiolactone, egg proteins, phosphate buffer	February 2014
Influenza (Flulaval) Trivalent and Quadrivalent	thimerosal, formaldehyde, sodium deoxycholate, egg proteins, phosphate buffer	February 2013
Influenza (Fluzone: Standard (Trivalent and Quadrivalent), High-Dose, & Intradermal)	formaldehyde, octylphenol ethoxylate (Triton X-100), gelatin (standard trivalent formulation only), thimerosal (multi-dose vial only), egg protein, phosphate buffers, sucrose	2014

STUDIES COMPARING VACCINATED TO UNVACCINATED?

50,000 Pregnant Women followed for 5 flu seasons:

SAME RATES for: hospitalizations, sick visits, OM, URI, pneumonia, fever, cough, asthma, C/S, infant health. NO DEATHS

“in this study, we were unable to demonstrate the effectiveness of influenza vaccination with data for hospital admissions and physician visits”

Am J Perinatol. 2004 Aug;21(6):333-9.

Effectiveness of influenza vaccine during pregnancy in preventing hospitalizations and outpatient visits for respiratory illness in pregnant women and their infants.

Black SB1, Shinefield HR, France EK, Fireman BH, Platt ST, Shay D; Vaccine Safety Datalink Workgroup.

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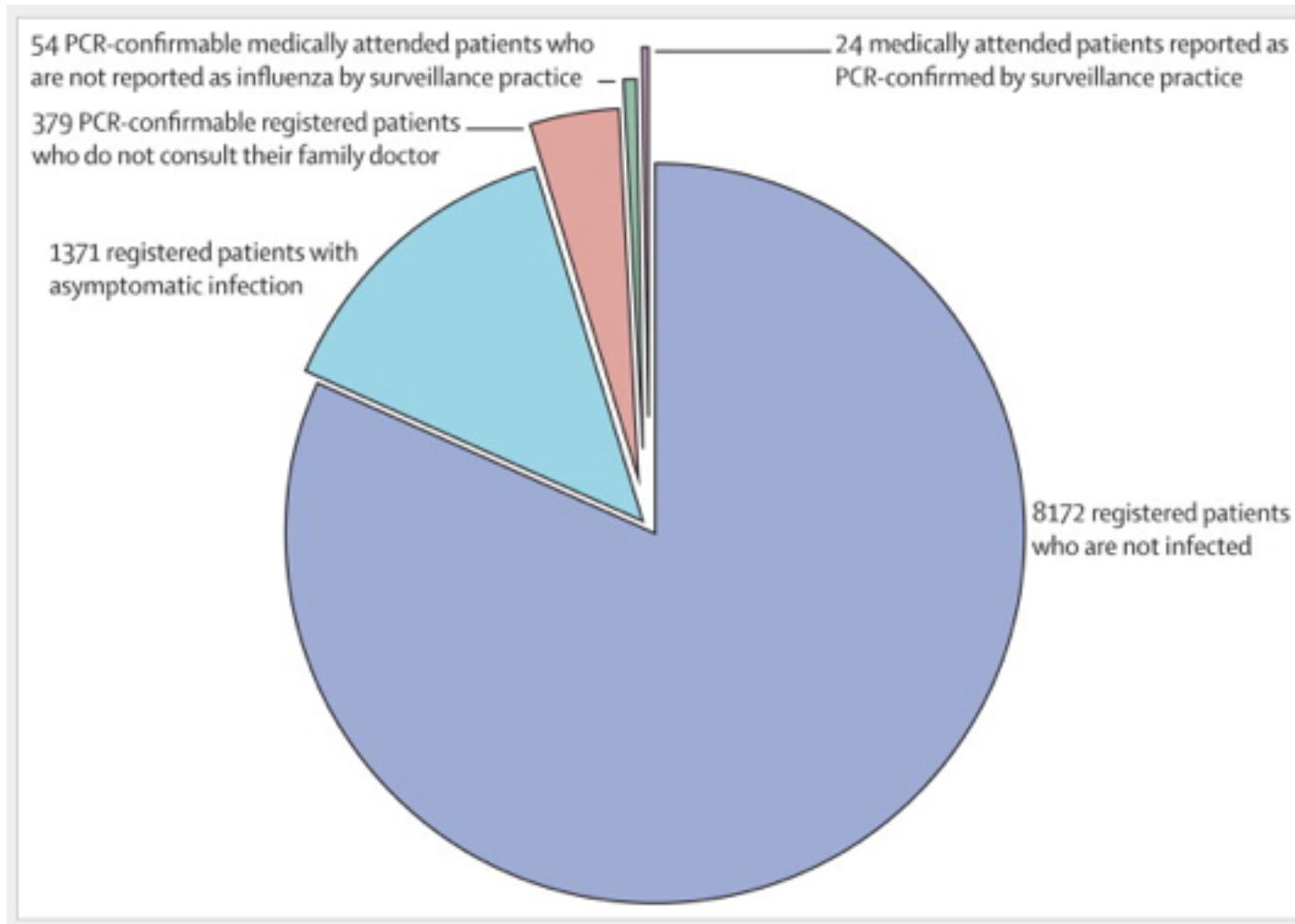
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Table. Adjusted vaccine effectiveness estimates for influenza seasons from 2005-2016

Influenza Season [†]	Reference	Study Site(s)	No. of Patients [‡]	Adjusted Overall VE (%)	95% CI
2004-05	Belongia 2009	WI	762	10	-36, 40
2005-06	Belongia 2009	WI	346	21	-52, 59
2006-07	Belongia 2009	WI	871	52	22, 70
2007-08	Belongia 2011	WI	1914	37	22, 49
2008-09	Unpublished	WI, MI, NY, TN	6713	41	30, 50
2009-10	Griffin 2011	WI, MI, NY, TN	6757	56	23, 75
2010-11	Treanor 2011	WI, MI, NY, TN	4757	60	53, 66
2011-12	Ohmit 2014	WI, MI, PA, TX, WA	4771	47	36, 56
2012-13	McLean 2014	WI, MI, PA, TX, WA	6452	49	43, 55
2013-14	Gaglani 2009	WI, MI, PA, TX, WA	5999	52	44, 59
2014-15	Zimmerman 2016	WI, MI, PA, TX, WA	9311	19	10, 27

The Flu Watch Study



FLU WATCH STUDY

- Preseason and postseason serology, weekly illness reporting, and RT-PCR identification of influenza from nasal swabs 10,000 people yrs.
- Tracked influenza over five successive cohorts England 2006-11
- Four-fold titre rises - influenza infected 18%
- three-quarters of infections - asymptomatic
- Less than 1% with flu see a doctor.
- 2 deaths in vaccinated over 65 year olds.

JAMA Pediatrics
January 1, 2017, Vol 171, No. 1

first-trimester influenza vaccination was the only period associated with increased ASD risk (adjusted hazard ratio, 1.20)

INFORMED CONSENT NEWBORN HEPATITIS B VACCINE?



KNOW THE RISK OF THE DISEASE

IF MOM HEPATITIS B - negative: ZERO RISK

WHERE TO GET PREVALENCE

DATA

SEARCH: *MMWR Notifiable Diseases and Mortality Tables*

Hepatitis B, virus infection perinatal	26	47	48	40
	2015	2014	2013	2012

4 Million Births/
year

Should Vaccinated Pediatrician Receive Post-Exposure Prophylaxis for Hepatitis B?

- Give booster dose if titer <10 IU/ml and repeat 3 shot series
- **16% of those vaccinated in first year have detectable anti-HBsAb**
- If vaccinated 9 - 22 years before and over age 1 when vaccinated: 69-96% response to one booster dose.
 - AAP News 2014; 35:13; doi:10.1542/aapnews.2014352-13; H. Cody Meissner

PEDIATRICS^{*}

OFFICIAL JOURNAL OF THE AMERICAN ACADEMY OF PEDIATRICS

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Pediatrics Digest Summary

Duration of Protection After Infant Hepatitis B Vaccination Series

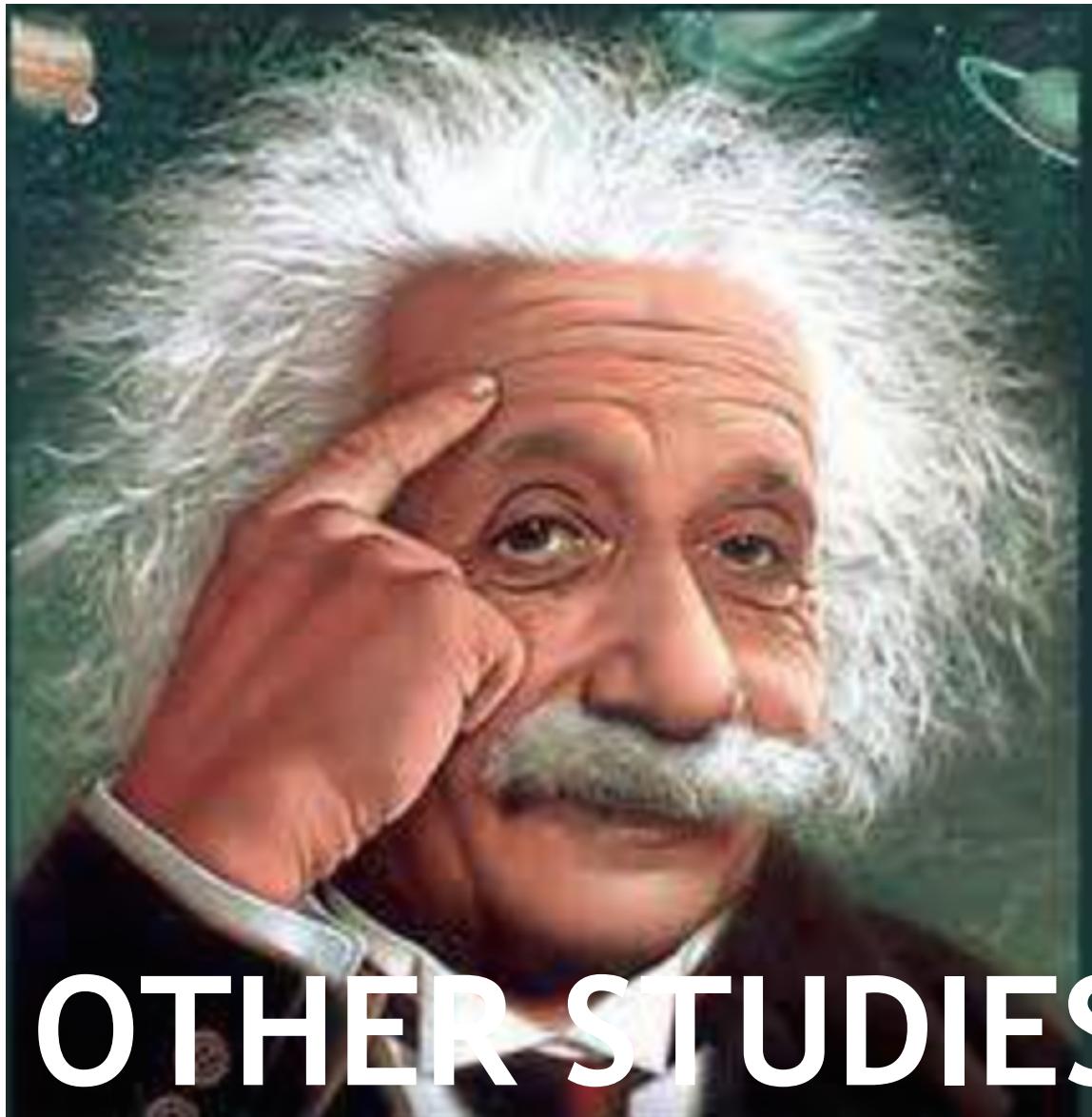
This Article

Published online May 19, 2014

(doi: 10.1542/peds.2013-2940d)

[» Abstract Free](#)

- 16-19 year olds in the US who had completed their 3 shot series by age 1.
- Just 24% of these teens had protective levels of >10 IU/ml.



STUDIES on Aluminum Safety

**Elevated blood levels and bone deposition
of aluminum when IV solutions contained 14
– 18 micrograms/Kg/day**

- Koo et al “Response to aluminum in parenteral nutrition in infancy” J. Pediatr 1986; 109:877-883

Neurological impairment when infants got 45micrograms/Kg/day when compared to 5 micrograms/Kg/day

- Bishop et al “Aluminum neurotoxicity in preterm infants receiving intravenous-feeding solutions.”

“Aluminum exposure from the standard intravenous solutions was calculated to be associated with a mean loss of one point on the Bayley Mental Development Index per day of full intravenous feeding”

- NEJM 1997;336:1557-1561 (<http://www.nejm.org/doi/full/10.1056/NEJM199705293362203#t=articleTop>)

FDA recommended aluminum not exceed

5 micrograms/Kg/d

- [http://www.ncbi.nlm.nih.gov/pmc/articles/
PMC3208446/](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3208446/)

- Aluminum accumulates in bone and brain
- $\frac{1}{4}$ of the injected aluminum is present at two weeks
 - <http://www.nejm.org/doi/full/10.1056/NEJM198702053160602>

- $\frac{1}{2}$ life of that aluminum present at 2 weeks was 7 years!
- “ *...biological half-life of 7 years* suggesting that sustained intake of dietary aluminium may lead to a progressively increasing internal deposit”

– <http://www.ncbi.nlm.nih.gov/pubmed/7779460>

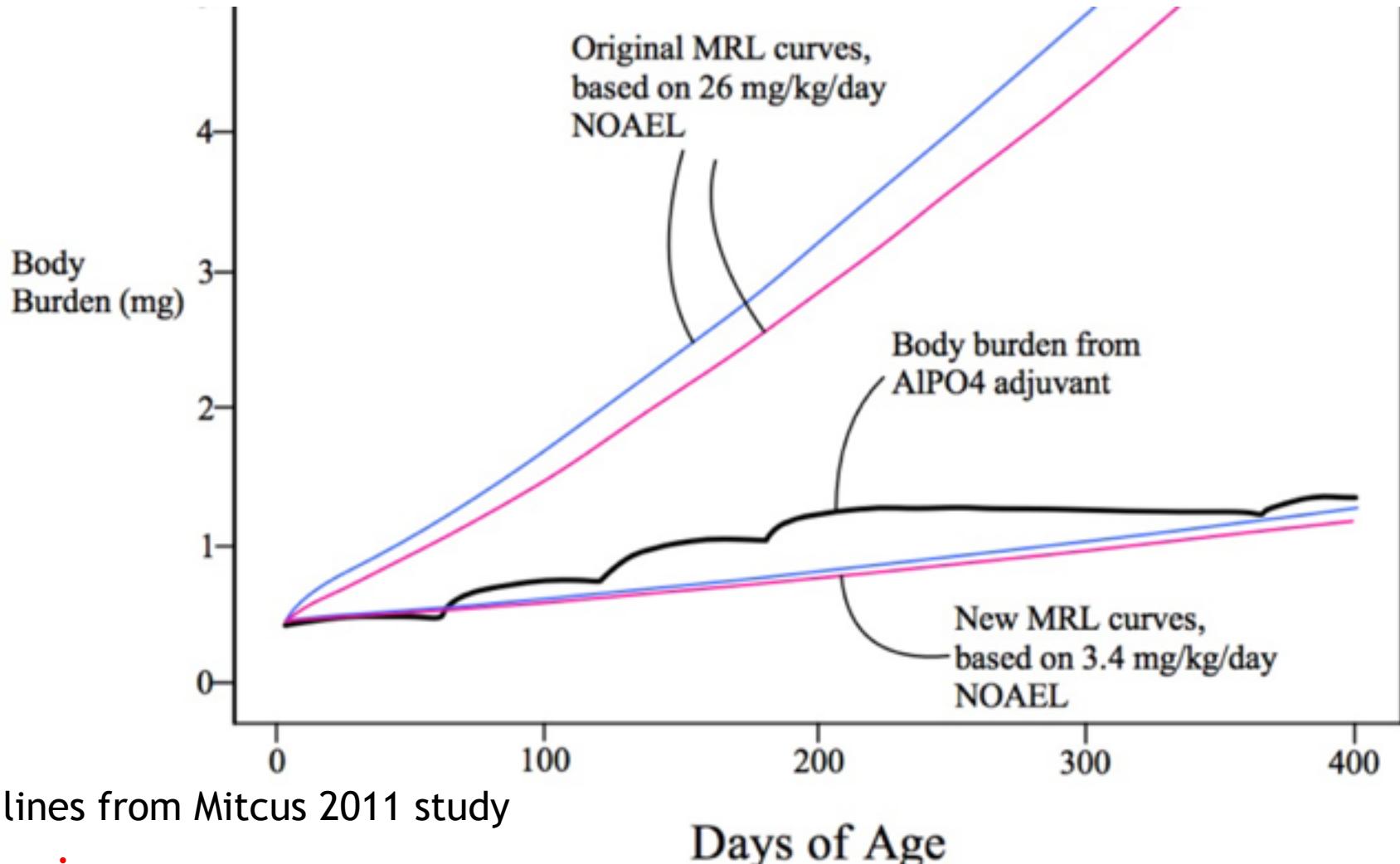
- Boys given Hepatitis vaccine in first month of life:
 - 300% increase autism
- Hepatitis B vaccines given to infants are not providing lasting immunity:
 - Wu et.al. 2013 “Chronic hepatitis B infection in adolescents who received primary infantile vaccination”.

STUDIES on ALUMINUM TOXICITY

- Previous studies (Mitkus 2011) focused on ingestion of aluminum salts, roughly 97% of which are excreted
- Aluminum nanoparticles in vaccines do not dissolve - they are *meant* to stick around
- Cannot be excreted in the urine
- Macrophages carry aluminum to the brain

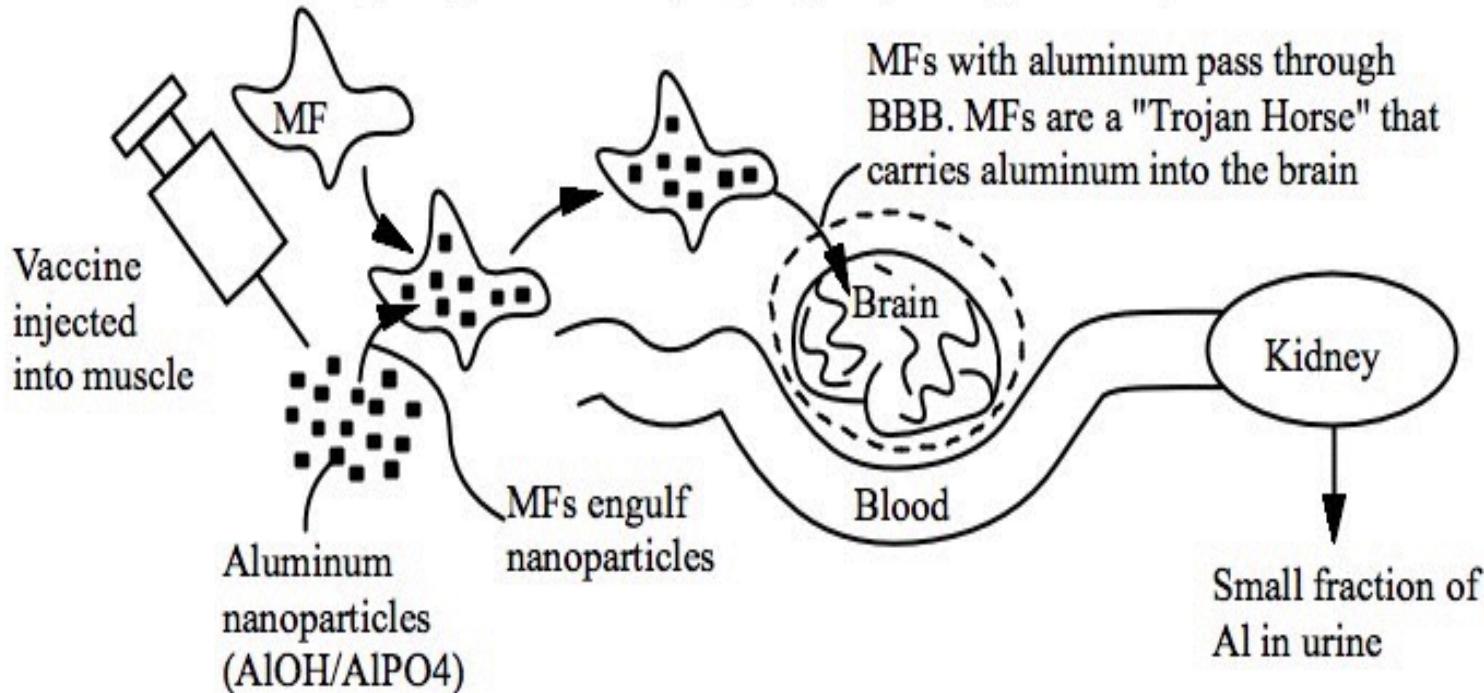
MRL = Minimum Risk Level

NOAEL = No Observed Adverse Effects Level



MACROPHAGES (MFs) TRANSPORT

What actually happens: Macrophages (MFs) transport nanoparticles into the brain:



Before the Al nanoparticles can dissolve, they are picked up by MFs. The MFs then carry the Al nanoparticles around the body, including into the brain. MFs pass right through the BBB. While in the brain, the aluminum leaks from the MFs, and causes brain damage.

Biopersistence and brain translocation of aluminum adjuvants of vaccines

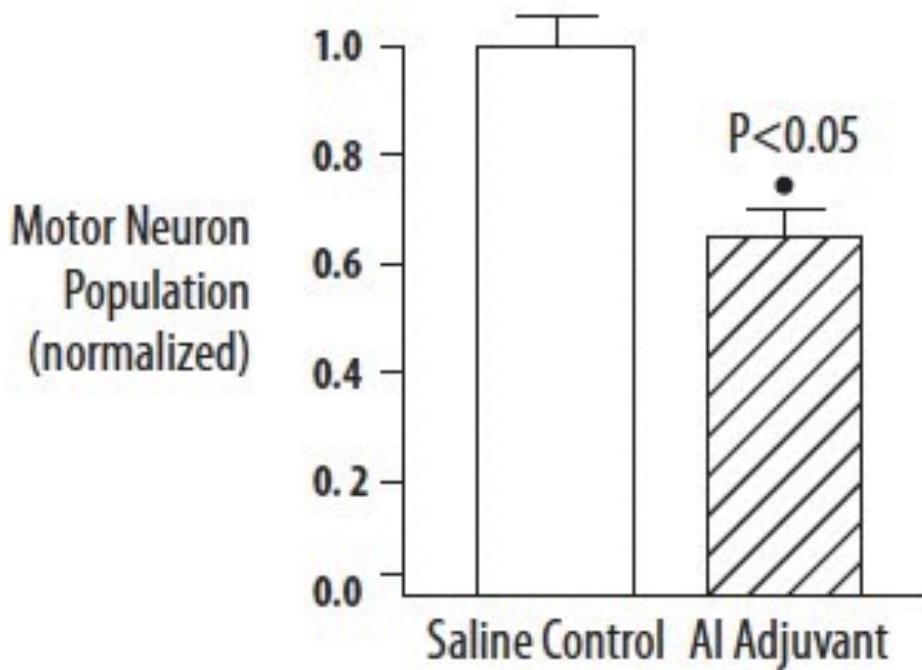
Gherardi et.al.

- Nanoparticles
- Phagocytes/ macrophages
- Trojan horse to Brain where:
- BIOPERSISTENCE
- Al crystal-induced rupture of phagolysosomes
- ONGOING INFLAMMATION

SHAW STUDY

Motor Neuron Death

100mcg/kg

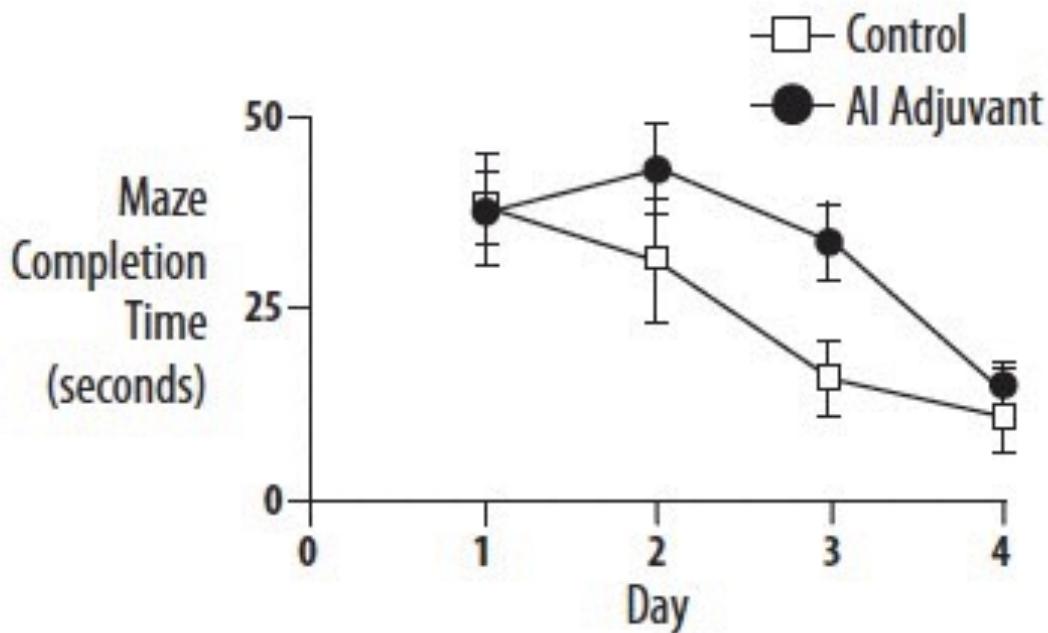


*100mcg/kg
AI adjuvant
destroyed
about 35% of
motor neurons
in mice in the
lower (lumbar)
spine [1].*

SHAW STUDY

Learning & Memory Impairment

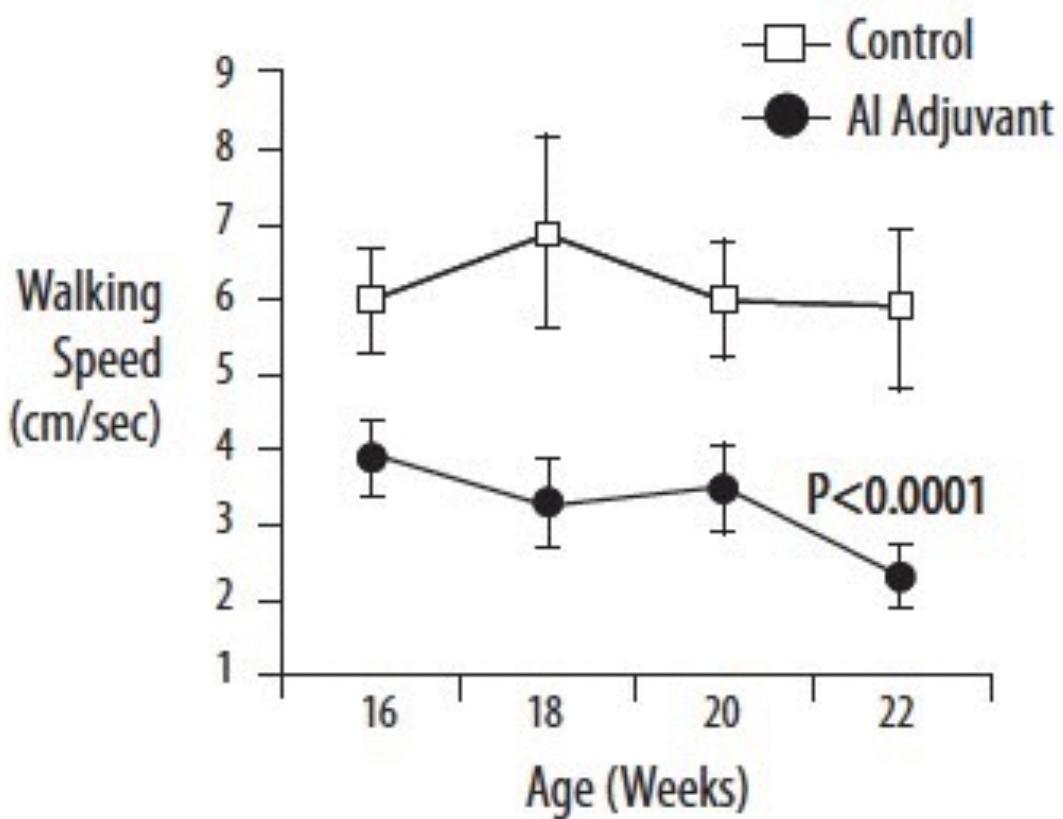
300mcg/kg



**300mcg/kg
AI adjuvant
impaired learning
and memory in
mice. Impairment
is significant with
 $P=0.0389$ [2].**

SHAW STUDY

Movement Impairment



550mcg/kg

550mcg/kg AI adjuvant caused a 50% reduction in walking speed (a sign of neurological damage) in male mice. Many other adverse changes were also observed. AI adjuvant injected at ages 0-3 weeks [3].

ALUMINUM in the CDC SCHEDULE

Birth	74 mcg/kg (1 vaccine with 250 mcg, 3.4 kg infant)
2 months	245 mcg/kg (6 vaccines with 1225 mcg, 5 kg infant)
4 months	150 mcg/kg (5 vaccines with 975 mcg, 6.5kg infant)
6 months	153 mcg/kg (7 vaccines with 1225 mcg, 8 kg infant)

TOTAL 622mcg/kg (3675 mcg aluminum)

IMMUNE ACTIVATION and BRAIN INJURY

- Infection during pregnancy has been associated with an increased incidence of autism and schizophrenia
- Immune activation affects brain development by shifting the Th1/Th2 immune balance increasing interleukin-6 (IL-6) cytokine expression
- “The presence of neuro-inflammatory changes... suggests that this may be a common pathogenic mechanism in some patients with autism.”

- Dr Vargas et al. of Johns Hopkins U., 2005 (PMID: 15546155) 9

Activation of the Maternal Immune System During Pregnancy Alters Behavioral Development of Rhesus Monkey Offspring

J. Biopsych. 2013 Bauman et.al.

- viral mimic, synthetic double-stranded RNA (polyinosinic:polycytidyllic acid stabilized with poly-L-lysine) caused MIA
- Offspring “Autistic” repetitive behaviors, decreased Vocalization. Lack of social boundaries.

Infection during pregnancy has been associated with an increased incidence of autism and schizophrenia

J Neurosci. 2007 October 3; 27(40): 10695–10702.

Maternal Immune Activation Alters Fetal Brain Development through Interleukin-6

Stephen E. P. Smith¹, Jennifer Li¹, Krassimira Garbett², Karoly Mirnics², and Paul H. Patterson¹

¹ Biology Division, California Institute of Technology, Pasadena, California 91125

² Department of Psychiatry and Vanderbilt Kennedy Center for Human Development, Vanderbilt University, Nashville, Tennessee 37203

Abstract

Schizophrenia and autism are thought to result from the interaction between a susceptibility genotype and environmental risk factors. The offspring of women who experience infection while pregnant have an increased risk for these disorders. Maternal immune activation (MIA) in pregnant rodents produces offspring with abnormalities in behavior, histology, and gene expression that are reminiscent of schizophrenia and autism, making MIA a useful model of the disorders. However, the mechanism by which MIA causes long-term behavioral deficits in the offspring is unknown. Here we show that the cytokine interleukin-6 (IL-6) is critical for mediating the behavioral and transcriptional changes in the offspring. A single maternal injection of IL-6 on day 12.5 of pregnancy

POST NATAL IMMUNE ACTIVATION

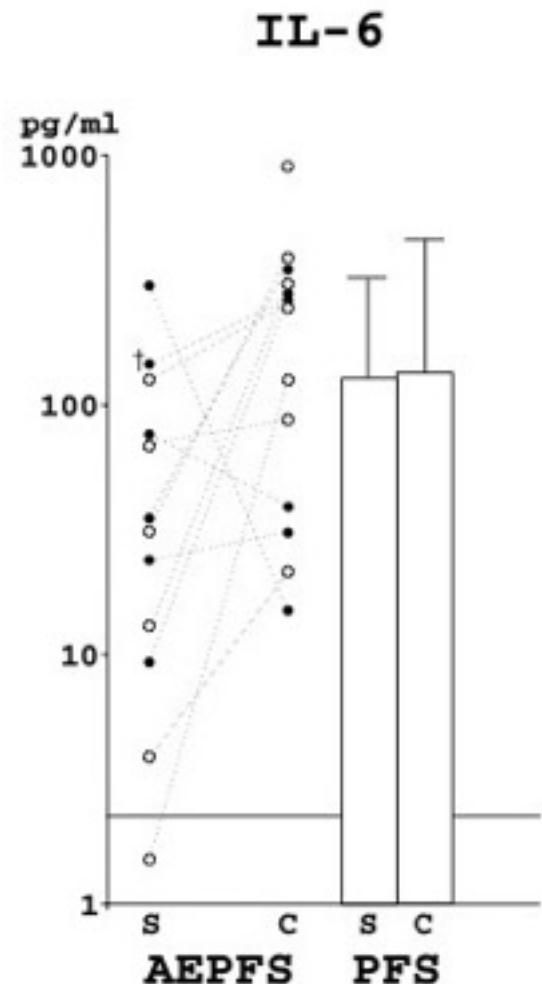
- “*Early-life immune activation has been well-established to regulate the programming of brain development and influence behavior in later life...*”
-Dr Zhibin Yao et al, 2016 (PMID: 26531688)
- “*. . . increased inflammatory state during early postnatal weeks is responsible for altered synaptic connectivity and impaired behavior . . .*”
-Coiro et al., 2015 (PMID: 26218293)
- Case reports of Brain Inflammation causing autism at ages 5-12
- Inflammation effects via Synaptogenesis in the developing brain

STUDIES MEASURING IL-6

170-Fold Increase (Acute) in Expression in Animal Experim

100-130-Fold Increase in Human experiencing Febrile Seizure

Oral Aluminum (3.4 mg/kg/d)
4-fold increase of IL-6 in Brai



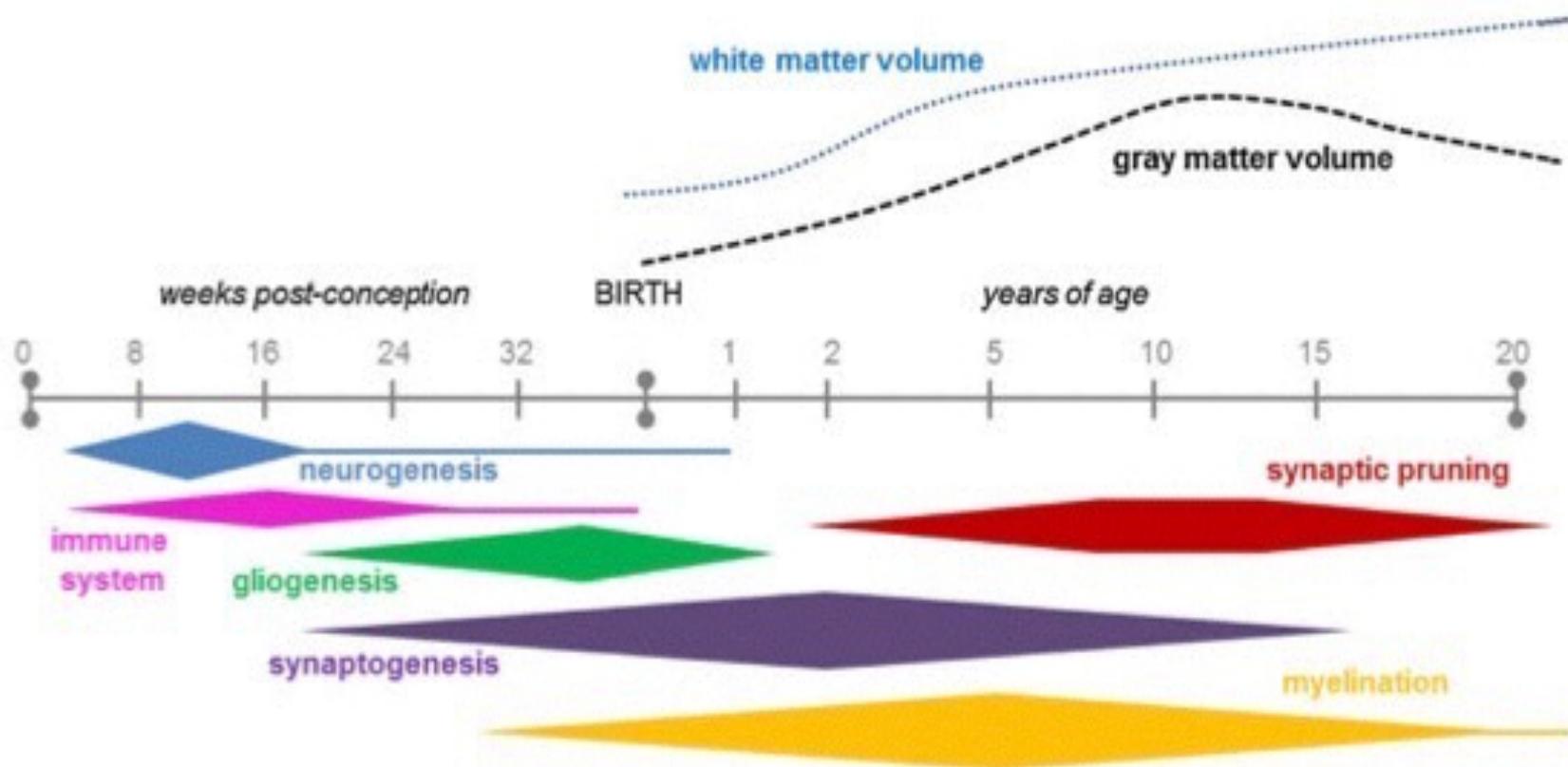
ELEVATED IL-6 and AUTISM

Table 6. ELISA Quantitative Analysis of Selected Cytokines in Brain Tissue Homogenates

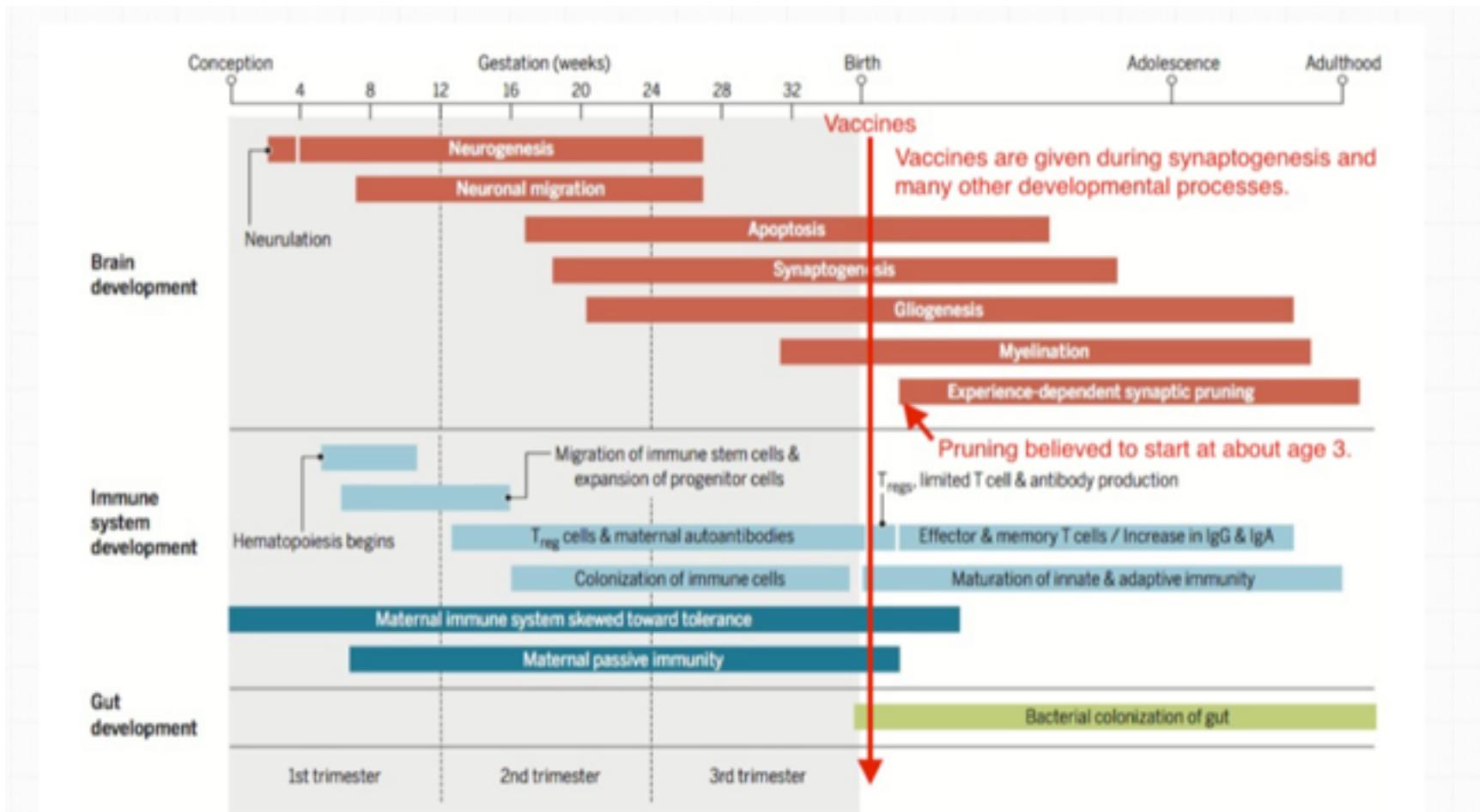
Brain Region	MCP-1 (pg/µg)		IL-6 (pg/µg)		TGF-β1 (pg/µg)		IGFBP-1 (pg/µg)	
	Mean	SEM	Mean	SEM	Mean	SEM	Mean	SEM
Cerebellum								
Autism	163.6	57.94	618.4	221.9	64.17	16.75	244.8	88.74
Controls	38.51	23.74	137.5	119.8	18.37	0.57	161.1	60.71
MFG								
Autism	110.8	30.5	482.7	180.3	98.62	15.96	210.6	27.95
Controls	36.77	14.8	130.7	26.48	47.11	8.24	85.89	18.65
ACG								
Autism	260.6	93.15	492.6	171.6	114.8	23.18	181.43	17.06
Controls	50.82	29.67	138.9	48.99	53.35	9.42	118.9	21.23

ELISA = enzyme-linked immunosorbent assay; MCP = macrophage chemoattractant protein; IL = interleukin; TGF = tumor growth factor; IGFBP = insulin-like growth factor binding protein; SEM = standard error of the mean; MFG = middle frontal gyrus; ACG = anterior cingulate gyrus.

SYNAPTOGENESIS



Immune Activation continues after birth



MMR and IMMUNE ACTIVATION

- The transport of aluminum is governed by the immune system
- Chemokine MCP1 activates movement of aluminum-laden macrophages in brain
- MMR activates MCP1 causing more aluminum to leak in the brain
MCP-1 = Macrophage (monocyte) Chemotactic Protein 1

ORIGINAL RESEARCH ARTICLE

Front. Public Health | doi: 10.3389/
fpubh.2016.00270

Vaccination and Health Outcomes: A Survey of 6- to 12-year-old Vaccinated and Unvaccinated Children based on Mothers' Reports

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Jacob⁴

RETRACTED

Vaccinated children were

- 238% more likely to have any neurodevelopmental disorder (i.e., learning disability, ADHD, or ASD) (10.5% vs. 3.1%)
- 370% more likely to have an Autism Spectrum Disorder (ASD)
- 370% more likely to have ADHD (4.7% vs. 1.0%)
- 374% more likely to have a learning disability (5.7% vs. 1.2%)
- 2,500% more likely to have allergic rhinitis (10.4% vs. 0.4%)
- 221% more likely to have other allergies (22.2% vs. 6.9%)
- 263% more likely to have eczema/atopic dermatitis (9.5% vs. 3.6%)
- 76% more likely to have any chronic illness (44.0% vs. 25.0%)

CDC Whistleblower Confesses to Vaccine-Autism Fraud: Tuskegee Revisited



References

[Measles-mumps-rubella vaccination timing and autism among young african american boys: a reanalysis of CDC data](#). Brian S Hooker, *Translational Neurodegeneration* 2014, 3:16 Published: 8 August 2014

I regret that my coauthors and I omitted statistically significant information in our 2004 article published in the journal *Pediatrics*. The omitted data suggested that African American males who received the MMR vaccine before age 36 months were at increased risk for autism. Decisions were made regarding which findings to report after the data were collected, and I believe that the final study protocol was not followed.

Statement of William W. Thompson, Ph.D., Regarding the

2004 Article Examining the Possibility of a Relationship Between MMR Vaccine and Au

August 27, 2014.

VAXXED

FROM COVER-UP TO CATASTROPHE



“

I think the movie
is something that
people should see.”

- Robert De Niro on 'TODAY'

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Paul Thomas, M.D., and Jennifer Margulis, Ph.D.