Human DNA in Vaccines - Origins and Safety

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Summary

Some live virus vaccines contain human DNA fragments and even intact DNA. Those vaccines are grown on a medium made from the tissue of aborted human fetuses. Currently they are using old embryonic cell lines from a male fetus (MRC-5) and female fetus (WI=38); the cells are replicated many times in order to provide a continuous supply. Since they are nearing senescence (old age), new cell lines are being developed.

According to renowned vaccinologist, Dr. Stanley Plotkin, who worked on developing the rubella vaccine grown on aborted fetal tissue, coworkers harvested the tissues from aborted fetuses and then cut them up into little pieces which were then cultured; some of the pieces of the fetus used were from the pituitary gland, skin, kidney, spleen, heart, and tongue. 76 aborted fetuses were studied in order to find one whose cells could be used to make the vaccine.

Because living tissue is needed for the primary culture, these abortions are often done by the "water bag" method which delivers the fetuses (between 2-4 months gestation) alive. (Limbs, organs, and tissues from aborted fetuses are also a mainstay of modern medical research.)

Included in vaccines for measles, mumps, rubella, chicken pox, shingles, rotavirus, adenovirus and rabies are human DNA fragments. According to Plotkin, injecting intact DNA is theoretically problematic which is why they fragmented it. Intact human DNA was recently discovered in a vaccine by Corveleva, an independent lab that has been analyzing vaccine contents.

Clinical trials for vaccines look primarily for predefined local and transient adverse events so trial participants are only followed for days or months. Long term effects of vaccines are not part of the clinical trials. Section 13 of each vaccine package insert states that the vaccine has not been studied to determine if the vaccine can cause genetic mutations, cancer, or impaired fertility. They are not required to.

However, scientists have long known that:

- DNA fragmentation is a necessary first step to inserting foreign DNA into cells.
- Through a process called insertional mutagenesis, foreign DNA can be incorporated into a host DNA and cause genetic mutations, cancer, and other health problems.
- Homologous recombination, another type of mutation involving DNA fragments, can cause serious illness.
- Retroviruses found in foreign human DNA can be dangerous when incorporated into the DNA of a human host.
- The embryonic stem cells in which the vaccines are grown are naturally tumorigenic. The FDA has been studying live virus vaccines because of their potential to cause cancer.

Scientists investigating vaccines have been able to identify increases in autism in different countries that coincide with their introduction of live virus vaccines grown in human cell substrates. This is in addition to the previously known problems arising from injecting foreign human DNA into a human host.

While the effect of injecting males with DNA from female fetuses and females with DNA from male fetuses has not been directly studies, a new study does show that autistic individuals are more likely to be transgender and research has investigated the affect of chromosomal abnormalities on areas of the brain related to sexual behavior. This is particularly important in light of the tremendous increase in transgenderism and gender dysphoria (confusion) being reported in many countries as well as in our own frum communities.

Other cell editing technologies carry risks as well.

Rodef Shalom 613 $10,000 Challenge to anyone who can find a molecular biologist willing to sign a letter stating that there is no reason to be concerned about fetal DNA in vaccines. See page 10 for details.

Use of Embryonic Stem Cells in the Vaccine Manufacturing Process

Live Virus Vaccines Need a Cellular Growth Medium

Live virus vaccines, such as measles, mumps, rubella, chicken pox, shingles, rotavirus, adenovirus and rabies, must be grown on living tissue in order for the virus to replicate. While some of these are propagated in cells of animals such as chicks and monkeys, several live viruses grow much better in human tissue.

Origin of the Cellular Growth Medium

Those viruses are grown in a medium made up of embryonic stem cell lines from aborted human fetuses. Unlike adult (somatic) stem cells, embryonic stem cells can replicate numerous times before they become senescent - too old to be used. The decades old cell lines currently being used in US vaccines are MRC-5, a fetal cell line derived from a male fetus, and WI-38, a fetal cell line derived from a female fetus. Because these cell lines are old, new cell lines are being developed, such as the Walvax-2 in China.[1] Embryonic stem cells, unlike adult stem cells, can be patented and are sold by companies like ATCC, and Coriell.[2]

How the Cell Lines are Obtained

According to renowned vaccinologist, Dr. Stanley Plotkin, who worked on developing the rubella vaccine grown on aborted fetal tissue, coworkers harvested the tissues from aborted fetuses and then cut them up into little pieces which were then cultured; some of the pieces of the fetus used were from the pituitary gland, skin, kidney, spleen, heart, and tongue. 76 aborted fetuses were studied in order to find one whose cells could be used to make the vaccine.[3]

Because living tissue is needed for the primary culture, these abortions are often done by the "water bag" method which delivers the fetuses (between 2-4 months gestation) alive.[4,5]

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[1] Characteristics and viral propagation properties of a new human diploid cell line, walvax-2, and its suitability as a candidate cell substrate for vaccine production, https://www.tandfonline.com/doi/full/10.1080/21645515.2015.1009811

[2] ATCC: The Global Bioresource Center, https://www.atcc.org/; MRC-5 - NORMAL HUMAN FETAL LUNG FIBROBLAST, https://web.archive.org/web/20171227180406/https://www.coriell.org/0/Sections/Search/Sample_Detail.aspx?Ref=AG05965-D

[3] Dr. Stanley Plotkin, Under Oath. Vaccine Ingredients, https://youtu.be/hlRYLMKv4Qo

[4] Vaccines and the use of Live Delivery Abortion to Order | I2P , http://i2p.com.au/vaccines-and-the-use-of-live-delivery-abortion-to-order/; THE ETHICS OF THE WALVAX-2 CELL STRAIN, http://ethicalresearch.net/positions/the-ethics-of-the-walvax-2-cell-strain/

[5] Medical research uses fetal tissue and body parts from aborted babies for many types of research, not just vaccines. Below is an excerpt from Fetal Body Parts Used for Research: Is it ethical to experiment on aborted humans? (https://investigatemagazine.co.nz/2451/fetal-body-parts-used-for-reseach/) by investigative journalist Ian Wishart, about how fetal parts are acquired from abortions and evidence that some fetuses are dissected when still alive. The scientists using these body parts believe that it is for the greater good. Yet, the author posits:

"It is a modern, relativistic idea that you can sacrifice the few for the good of the many. Indeed, this was one of the justifications Hitler used in whipping up hatred against Jewish, Gypsy and gay minorities. In 21st century form, the argument is more subtle: that if a cure for crippling diseases can be found by harvesting fetal organs from abortions, or growing human embryos in the laboratory for stem cell harvesting, then the deaths of those infants are justifiable because of the perceived greater good to the community at large.

...

"At the Nuremberg War Crimes trials, evidence was presented of horrific scientific experiments being performed on captives in the concentration camps. The Nazi medics on trial attempted to justify it by saying the test subjects were due to die anyway and the knowledge gained would benefit the rest of humanity. [Scientists working with fetal cells from aborted babies claim that the babies were going to be aborted anyway because of maternal choice. *RS 613*]

...

"Primary cultures consist of cells that have been freshly derived from a living organism and are maintained for growth in vitro... The cell types most frequently found in primary cell culture are epithelial cells, fibroblasts, keratinocytes, melanocytes, endothelial cells, muscle cells, hematopoietic and mesenchymal stem cells".[6]

Why Foreign DNA Winds Up in Vaccines

All vaccines have some residual material which was part of the manufacturing process that is not necessary for the vaccine, but cannot be completely separated out. It is impossible to totally separate the antigen (vaccine strain virus) from the embryonic stem cell medium in which it is grown and have enough antigen for the vaccine, so each vaccine contains fragments of human DNA which are then injected into infants and children.[7]

Vaccine Manufacturers and the CDC on the Presence of Foreign DNA in Vaccines

This portion of the vaccine package insert show that the rubella portion of the MMRII vaccine is grown in the WI-38 medium.[8]

DESCRIPTION

M-M-R® II (Measles, Mumps, and Rubella Virus Vaccine Live) is a live virus vaccine for vaccination against measles (rubeola), mumps, and rubella (German measles).

M-M-R II is a sterile lyophilized preparation of (1) ATTENUVAX® (Measles Virus Vaccine Live), a more attenuated line of measles virus, derived from Enders' attenuated Edmonston strain and propagated in chick embryo cell culture; (2) MUMPSVAX® (Mumps Virus Vaccine Live), the Jeryl Lynn™ (B level) strain of mumps virus propagated in chick embryo cell culture; and (3) MERUVAX® II (Rubella Virus Vaccine Live), the Wistar RA 27/3 strain of live attenuated rubella virus propagated in WI-38 human diploid lung fibroblasts.{1,2}

The CDC excipient table[9] lists human DNA in vaccine ingredients. Here is a portion of the list showing the inclusion of DNA:

Varicella (Varivax) *Frozen*	MRC-5 human diploid cells, including DNA & protein, sucrose, hydrolyzed gelatin, sodium chloride, monosodium L-glutamate, sodium phosphate dibasic, sodium phosphate monobasic, potassium phosphate monobasic, potassium chloride, EDTA, neomycin, fetal bovine serum
Varicella (Varivax) *Refrigerator Stable*	MRC-5 human diploid cells, including DNA & protein, sucrose, hydrolyzed gelatin, sodium chloride, monosodium L-glutamate, urea, sodium phosphate dibasic, potassium phosphate monobasic, potassium chloride, neomycin, bovine calf serum
Yellow Fever (YF-Vax)	sorbitol, gelatin, sodium chloride, egg protein
Zoster (Shingles) (Zostavax) *Frozen*	MRC-5 human diploid cells, including DNA & protein, sucrose, hydrolyzed porcine gelatin, sodium chloride, monosodium L-glutamate, sodium phosphate dibasic, potassium phosphate monobasic, potassium chloride; neomycin, bovine calf serum
Zoster (Shingles) (Zostavax) *Refrigerator Stable*	MRC-5 human diploid cells, including DNA & protein, sucrose, hydrolyzed porcine gelatin, urea, sodium chloride, monosodium L-glutamate, sodium phosphate dibasic, potassium phosphate monobasic, potassium chloride, neomycin, bovine calf serum

"For a start, the death toll alone from abortion far eclipses anything Hitler was able to achieve..."
Today, we are told that vaccinating our children (and ourselves) is for the greater good even as it is known that some children will be grievously injured or even die from the vaccines.

[6] ATCC® PRIMARY CELL Culture GuIde, https://www.atcc.org/~/media/PDFs/Culture%20Guides/Primary_Cell_Culture_Guide.ashx

[7] The Truth About Stem Cells https://youtu.be/LCnrW3VF0pc?t=1295

[8] Package Insert - MMR, https://www.fda.gov/media/75191/download

[9] CDC Pinkbook Excipient List https://www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/b/excipient-table-2.pdf

Is Injecting Human DNA into Babies and Children Safe?

Dangers Ignored and Denied

The safety of injecting human DNA fragments into infants and children (and even adults) has never been tested.

When Dr. Plotkin was deposed in January 2018, as a potential expert witness in post-divorce litigation where the parents were of different opinions about vaccination, Aaron Siri, attorney for the plaintiff, deposed Stanley Plotkin prior to his testifying for the defense (Plotkin recused himself as a witness after the deposition). Siri specifically questioned Plotkin about the safety of Human DNA fragments injected into others. Here is an outtake[10] from the 9 hours of questioning. At about 2 minutes they start talking about DNA in vaccines.

When questioned, Plotkin said you wouldn't want to put intact DNA into vaccines for "theoretical reasons" which was why they had broken them up into little pieces.

We now know that there is intact DNA in vaccines; Corvelva, an independent lab, found intact, potentially tumorigenic DNA in the Priorix-tertra vaccine that they analyzed.[11] This vaccine for measles-mumps-rubella-chickenpox (MMRV) is given to infants.

Furthermore, scientists know that since cells have a protective barrier that prevents DNA from going in and out, **DNA fragmentation is a necessary first step to inserting foreign DNA into cells**[12].

> "Recommendations to fragment the contaminating DNA were based on concern that an entire cancer causing gene might be present among the fetal DNA contaminants. However, science has demonstrated that in contrast to the integration of large DNA gene lengths, integration of short DNA fragments has been shown to be much more efficient. Integration is maximal when fragments are between 100 and 1000 base pairs in length.13-14 Therefore, the recommendations to fragment the contaminating DNA may have increased the danger of the contaminants."[13]

Siri asked if they had ever done studies to ascertain whether or not injecting millions of pieces of human DNA into babies and children is safe and Plotkin replied that the safety studies done were the ones done on vaccines.

Siri then asked Plotkin if he was familiar with insertional mutagenesis, to which Plotkin replied that he was.

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[10] Dr. Stanley Plotkin. Under Oath. Vaccine Ingredients, https://youtu.be/hlRYLMKv4Qo

[11] Vaccinegate: MRC-5 contained in Priorix Tetra - Complete genome sequencing, https://bit.ly/3e1Yfxd

[12] Four Ways to Insert Foreign DNA Into Cells, https://education.seattlepi.com/four-ways-insert-foreign-dna-cells-4064.html

[13] Insertional Mutagenesis and Autoimmunity Induced Disease Caused by Human Fetal and Retroviral Residual Toxins in Vaccines, https://bit.ly/3d24waC

Insertional mutagenesis

> "Insertional mutagenesis is a mutation caused by the insertion of exogenous [from outside the body] DNA into a genome."[14]
>
> "The human genome is a complete set of nucleic acid sequences for humans, encoded as DNA within the 23 chromosome pairs in cell nuclei and in a small DNA molecule found within individual mitochondria. These are usually treated separately as the nuclear genome, and the mitochondrial genome."[15]

Medical researchers and scientists know that foreign human DNA can and does cause mutations in the host. The risk is real.

- Mutagenesis and Carcinogens:

  "Mutagen and carcinogen are two physical, chemical or biological factors that may cause changes in normal cell division in organisms. Approximately, 90% of the carcinogens are mutagens. The somatic cell mutations can cause cancers. The main difference between mutagen and carcinogen is that mutagen causes a heritable change in the genetic information of an organism whereas carcinogen causes or promotes cancer in animals and humans. Mutagenesis is the mechanism by which the change in the genetic material occurs..."[16]

- Retroviruses:

  "... A potent form of insertional mutagenesis involves integration of retroviral DNA... In-depth analysis of the genetic consequences showed that integration of retroviral DNA could alter the gene activity in a variety of ways."[17]

- Lukemia:

  "Insertional mutagenesis is a major concern with all of the integrating viral vectors and has been subjected to intense scrutiny since four cases of T-cell leukemia occurred in human pediatric patients... these patients revealed that insertional mutagenesis had occurred in all four patients and was at least partially responsible for the observed leukemogenesis."[18]

  "... Similar to other vertebrate animals, humans possess retroviruses that exist in two forms: as normal genetic elements in their chromosomal DNA (endogenous retroviruses) and as horizontally-transmitted infectious RNA-containing viruses which are transmitted from human-to-human (exogenous retroviruses, e.g. HIV and human T cell leukemia virus, HTLV)".[19]

Requirements of Vaccine Safety Testing

The vaccine safety studies that Plotkin was talking about do not test for the effects of intact DNA or DNA fragments in vaccines.

Vaccine safety studies, as part of the clinical trials, are generally completed within a few days to a few months. The chart below gives examples of the amount of time trial participants were followed for adverse reactions:

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[14] insertional mutagenesis - Dictionary Definition, https://www.vocabulary.com/dictionary/insertional%20mutagenesis
[15] Wikipedia: Human Genome https://en.wikipedia.org/wiki/Human_genome
[16] Difference Between Mutagen and Carcinogen | Definition, Causative Agents, Function, Effect, https://pediaa.com/difference-between-mutagen-and-carcinogen/
[17] Retroviral Insertional Mutagenesis in Humans: Evidence for Four Genetic Mechanisms Promoting Expansion of Cell Clones https://www.sciencedirect.com/science/article/abs/pii/S1525001620300010
[18] Genomic Integration-Associated Insertional Mutagenesis https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/insertional-mutagenesis
[19] Human Retroviruses - Medical Microbiology, ttps://www.ncbi.nlm.nih.gov/books/NBK7934/

Notice that many vaccines are studied for less than one week. Solicited local and general reactions (adverse events the manufacturer specifically asks about) are pain, redness, swelling, increase in circumference of injected limb, fever, drowsiness, irritability, and loss of appetite; post-marketing adverse events included in vaccine package inserts are much more serious.[20]

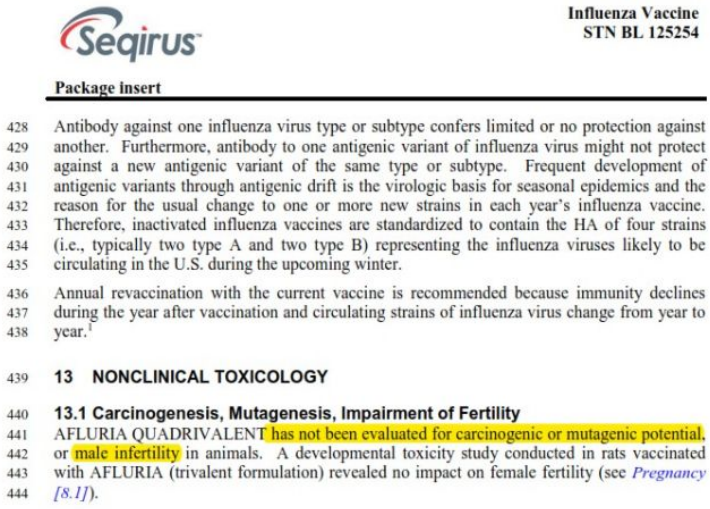
Target Disease	Product Name (Manufacturer)	Duration of Safety Review After Injection	
		Solicited Reactions	Unsolicited Reactions
Measles	MMR II (Merck)	42 days	42 days
Chickenpox	Varivax (Merck)	42 days	42 days
Hepatitis A	Havrix (GSK)	4 days	31 days +phone call at 6 months
	Vaqta (Merck)	5 days	42 days
Hepatitis B	Recombivax HB (Merck)[118]	5 days	5 days
	Engerix-B (GSK)[119]	4 days	4 days
Hib	ActHIB (Sanofi)[120]	3 days	30 days
	PedvaxHIB (Merck)[121]	3 days	3 days
	Hiberix (GSK)[122]	4 days	31 days
DTaP	Infanrix (GSK)[123]	8 days	28 days
	Daptacel (Sanofi)[124]	14 days	6 months
Poliovirus	Ipol (Sanofi)[125]	3 days	3 days
Pneumococcal	Prevnar 13 (Wyeth)[126]	7 days	6 months
Combination Vaccines	Pediarix (GSK)[127]	8 days	30 days + phone call at 6 months
	Pentacel (Sanofi)[128]	7 days	60 days + phone call at 6 months

The Highwire Jan. 9, 2020 (https://m.youtube.com/watch?v=82KJG5LT2e4)

The type of safety studies Siri was enquiring about do not exist.

Section 13 of each vaccine package insert states that the vaccine was not evaluated for carcinogenicity, mutagenicity, or impairment of fertility. The image from a vaccine package insert, below left, is one such example.

The image below right is a compilation of Section 13 of other vaccine package inserts also stating that the vaccine has not been evaluated for its ability to cause cancer or genetic mutations, or impair fertility.



Seqirus

Influenza Vaccine
STN BL 125254

Package insert

Antibody against one influenza virus type or subtype confers limited or no protection against another. Furthermore, antibody to one antigenic variant of influenza virus might not protect against a new antigenic variant of the same type or subtype. Frequent development of antigenic variants through antigenic drift is the virologic basis for seasonal epidemics and the reason for the usual change to one or more new strains in each year's influenza vaccine. Therefore, inactivated influenza vaccines are standardized to contain the HA of four strains (i.e., typically two type A and two type B) representing the influenza viruses likely to be circulating in the U.S. during the upcoming winter.

Annual revaccination with the current vaccine is recommended because immunity declines during the year after vaccination and circulating strains of influenza virus change from year to year.[1]

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

AFLURIA QUADRIVALENT has not been evaluated for carcinogenic or mutagenic potential, or male infertility in animals. A developmental toxicity study conducted in rats vaccinated with AFLURIA (trivalent formulation) revealed no impact on female fertility (see *Pregnancy [8.1]*).

13 NON-CLINICAL TOXICOLOGY
13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility
DAPTACEL has not been evaluated for carcinogenic or mutagenic potential or impairment of fertili
AFLURIA has not been evaluated for carcinogenic or mutagenic potential, or male infertil
M-M-R II has not been evaluated for carcinogenic or mutagenic potential, or potential to impair ferti
Fluzone High-Dose has not been evaluated for carcinogenic or mutagenic potential or for impairment of fertility.
PEDIARIX has not been evaluated for carcinogenic or mutagenic potential or for impairment fertility.

Section 13.
Tetanus/Pertussis/
Influenza
M/M/R
F l u Shot
DTaP/Polio

What Scientists Know About Vaccines Containing Foreign DNA

ATCC, which sells the MRC-5 embryonic cell line, includes the following on their website:

> "Cytogenetic instability has been reported in the literature for some cell lines."[21]

[20] Package Insert - INFANRIX, https://www.fda.gov/media/75157/download pp 6,8,10,12
[21] MRC-5 (ATCC® CCL-171™), https://www.atcc.org/products/all/CCL-171.aspx#characteristics

The FDA has been studying the danger of vaccines containing DNA because:

> "The use of tumorigenic and tumor-derived cells is a major safety concern due to the potential presence of viruses such as retroviruses and oncogenic DNA viruses that could be associated with tumorigenicity."[22]

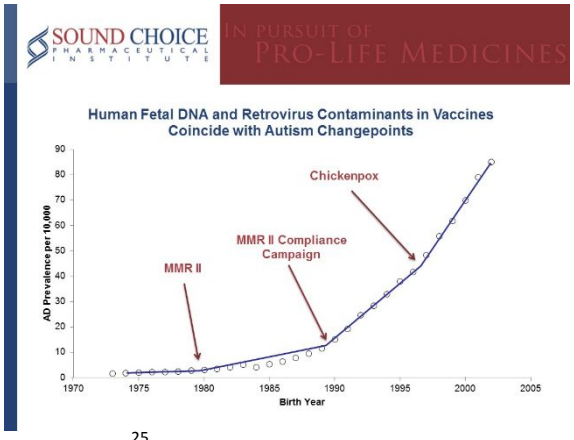
The FDA had also issued guidelines to restrict the amount of DNA contained in vaccines in order to mitigate potential harm. Unfortunately, these guidelines have been ignored and larger quantities of DNA have been found in them.[23]

Foreign DNA and Autism

Theresa Deisher is one of the leading scientists studying the risks posed by embryonic stem cells in vaccines and the first to realize that autism increased with the introduction of human embryonic stem cells into the vaccines.

> "The scientific community now knows that children with regressive autism have hundreds of de novo and diverse gene mutations. That means that regressive autism is not genetic. It must be triggered by an external event that can create hundreds of different DNA breaks and mutations.
>
> ...
>
> "... When animal cell lines are utilized, these contaminants are recognized by our immune systems as 'foreign' and are eliminated from our bodies. However, when primitive human cell lines (such as an aborted fetal cell line) are used, these contaminants have the potential to trigger autoimmune diseases or genomic instability. When we use human fetal produced vaccines or cosmetics, we are also injecting or transferring DNA and viruses from the human fetus used to create the cell line into our own bodies."[24]

"In the US, autism has spiked up in 3 distinct years, called changepoints. The first changepoint occurred in 1981, the second in 1988[1], and the third in 1996. These spikes coincide with the introduction of vaccines that are produced in human fetal cells. In 1979, human fetal cell produced MMR II was approved in the US. Compliance campaigns brought MMR II use up from as low as 49% for children born before 1987 to over 82% for children born in 1989 and later. A second dose of MMR II was also introduced to the vaccination schedule for children born in 1988 and later. The third changepoint corresponds to the approval of human fetal cell produced Varivax (chickenpox) in 1995.[25]



Another facet of insertional mutagenesis is homologous recombination. As Deisher discusses:

> "Gene therapy using small fragment homologous recombination has demonstrated that as low as 1.9 ng/ml of DNA fragments results in insertion into the genome of stem cells in 100% of mice injected[xii]. The levels of human fetal DNA fragments in our children after vaccination with MMR, Varivax

[22] Investigating Viruses in Cells Used to Make Vaccines; and Evaluating the Potential Threat Posed by Transmission of Viruses to Humans http://bit.ly/2PUVBP0
[23] Insertional Mutagenesis and Autoimmunity Induced Disease Caused by Human Fetal and Retroviral Residual Toxins in Vaccines, https://bit.ly/3fgYlRE
[24] Autism Research, https://www.soundchoice.org/research/
[25] De Novo Mutations - Vaccine Contaminants - Autism Genes ,https://www.soundchoice.org/autism/

> (chickenpox) or Hepatitis A containing vaccines reach levels beyond 1.9 ng/ml". [26,27]

Helen Ratajczak, is a former senior scientist at a pharmaceutical firm who is concerned about the ability of foreign DNA to promote homologous recombination and autoimmunity.

> "Why could human DNA potentially cause brain damage? The way Ratajczak explained it to me: "Because it's human DNA and recipients are humans, there's homologous recombinaltion tiniker [sic]. That DNA is incorporated into the host DNA. Now it's changed, altered self and body kills it. Where is this most expressed? The neurons of the brain. Now you have body killing the brain cells and it's an ongoing inflammation. It doesn't stop, it continues through the life of that individual."[28]

Transgenderism/Gender Confusion

Another probable adverse effect of injecting children and adults with DNA of the opposite sex is gender dysphoria.[29,30] In fact, a recent study has shown that autistic individuals are more likely to be transgender or non-binary.

> "The study is one of the first to focus on people who identify as non-binary.
>
> "It found that 14 per cent of the transgender and non-binary group had a diagnosis of autism.
>
> "A further 28 per cent of the group reached the cut-off point for an autism diagnosis. This suggests there were a high number of potentially undiagnosed individuals".[31]

Further confirming this connection are studies that

> "... have implicated certain areas of the brain as the most likely candidates for determining gender-specific behavior and therefore responsible for sex discordances when sexually differentiated in opposition to the individual's primary physical sex characteristics."[32]

Considering Deisher's findings about embryonic DNA in live virus vaccines and autism, this presents a very plausible connection to live virus vaccines and gender dysphoria; those affected in one way (autism) by insertional mutagenesis and homologous recombination can be affected in other ways as well.

Gender confusion and transgenderism now impact the frum community, even among the very sheltered. Rabbanim are very aware of this as gender confusion is increasing among otherwise normal yeshiva and Bais Yaakov teenagers and children and it has been reported to be occurring in frum adults as well. Rabbanim dealing with these situations are naturally very concerned.

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[26] Open Letter from Dr. Theresa Deisher to Legislators Regarding Fetal Cell DNA in Vaccines, https://www.soundchoice.org/open-letter-to-legislators/

[27] For further explanation about the use and dangers of embryonic stem cells in vaccines listen to Deisher being interviewed by Del Bigtree here, https://youtu.be/LCnrW3VF0pc, and speaking at an Autism One conference here https://www.youtube.com/watch?v=6Bc6WX33SuE

[28] Vaccines and autism: a new scientific review, https://www.cbsnews.com/news/vaccines-and-autism-a-new-scientific-review/

[29] What Role Do Sex Chromosomes Play In Transgender People's Identities? https://bit.ly/2C6TVP9

[30] 4,000% Explosion in Kids Identifying as Transgender, Docs Perform Double Mastectomies on Healthy Teen Girls, https://bit.ly/2Yr9xnS Sweden's Teenage Gender Dysphoria Number Jumps 1500% in 10 Years, https://tiny.iavian.net/y2uc, Why the surge in gender dysphoria among teenage girls?, https://www.theglobeandmail.com/opinion/article-why-the-surge-in-gender-dysphoria-among-teenage-girls/

[31] Transgender, Non-Binary Linked To Autism https://www.autismeye.com/transgender-non-binary-autism/

[32] Identification of Dual-Gender Tetragametic Chimerism as a Possible Cause of Gender Dysphoria in Affected Individuals https://www.academia.edu/33657333/Identification_of_Dual-Gender_Tetragametic_Chimerism_as_a_Possible_Cause_of_Gender_Dysphoria_in_Affected_Individuals

Scientists Admit That They Don't Know the Long-Term Effects of Vaccines

Unfortunately, vaccine safety science is not up-to-date and doesn't look like that will happen any time soon. Leading scientists and researchers at the WHO's recent Global Vaccine Safety Summit, admitted that they don't have good vaccine safety science[33,34] and that they do not know the systemic and long-term adverse events of vaccines. Furthermore, it is hard to study.[35,36] Expressed concern was with further losing the public's faith in vaccines and, particularly, doctors' already eroding faith even more.

Considering what we've learned above, it does not seem that honest vaccine research will happen any time soon.

Rodef Shalom 613's $10,000 Challenge to You

If you can find a single, qualified molecular biologist who:

- after reading the Letter to Community Leaders Worldwide on DNA Mutations by Jacob Vishnevsky[37]
- speaking with Jacob,
- and reading the information contained in this document,

would be willing to sign a letter saying that:

- Theresa Deisher is wrong,
- this is misinformation,
- the DNA fragments are safe,
- and there is no reason to be concerned,

Rodef Shalom 613 will give you $10,000.

[33] Wake Up Call for Real Safety Science, https://bit.ly/3e5o8Mw
[34] Global Vaccine Safety Summit Dec 2019, https://www.youtube.com/watch?v=naWQ007XrvY
[35] Tyranny of Small Numbers, https://youtu.be/_1GvNc0hmvc?list=PL9JldIf7HUZTqPbAlsZ6xjnQ_OZP2nQc6
[36] Antigens and Adjuvants: The great unknown https://bit.ly/2ULp7dg
[37] Letter to Community Leaders Worldwide on DNA Mutations, https://www.rodefshalom613.org/wp-content/uploads/2020/06/Letter-to-Comunity-Leaders-Worldwide-on-DNA-Mutations-Feb_9-2020.pdf

Addendum

Risks of Other Cell Editing Technologies

- Embryonic Stem Cell Therapy

  "The identified risks (*i.e*. risks identified in clinical experience) or potential/theoretical risks (*i.e*. risks observed in animal studies) include **tumour formation, unwanted immune responses** and the transmission of adventitious agents.

  "Currently, there is no clinical experience with pluripotent stem cells (i.e. embryonal stem cells and iPSC [induced pluripotent stem cells]). Based on their characteristics of unlimited self-renewal and high proliferation rate **the risks associated with a product containing these cells (e.g. risk on tumour formation) are considered high, if not perceived to be unacceptable.**[38]

- New CRISPR gene editing technology is causing unexpected mutations:

  "A systematic investigation of CRISPR/Cas9 genome editing in mouse and human cells has discovered that the technique appears to frequently cause extensive mutations and genetic damage that the researchers say wouldn't be detected by existing DNA tests.

  "We found that changes in the DNA have been seriously underestimated before now."[39]

  "... a new study published in Nature Methods has found that the gene-editing technology can introduce hundreds of unintended mutations into the genome."[40]

Other articles regarding the dangerous effects of foreign DNA

- Human Somatic Variation: It's Not Just for Cancer Anymore[41]
- Evidence for somatic gene conversion and deletion in bipolar disorder, Crohn's disease, coronary artery disease, hypertension, rheumatoid arthritis, type-1 diabetes, and type-2 diabetes[42]
- Cognitive and non-cognitive behaviors in the triple transgenic mouse model of Alzheimer's disease expressing mutated *APP*, *PS1*, and *Mapt* (3xTg-AD)[43]
- Extracellular DNA and autoimmune diseases[44]
- Cell Migration from Baby to Mother[45]
- Baby's Cells Can Manipulate Mom's Body for Decades: An evolutionary approach may help scientists understand why mothers become genetic chimeras and how that affects their health[46]

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Additional Vaccine Dangers

Aside from the dangers of foreign DNA in vaccines, a significant amount of material has been found in the vaccines that should not be there. Italian scientists analyzing vaccines discovered that they contained many unexpected ingredients, including nano-sized particles that could enter cell nuclei and interact with DNA. They came to this conclusion:

"The analyses carried out show that in all samples checked vaccines contain non biocompatible and bio-persistent foreign bodies which are not declared by the Producers, against which the body reacts in any case. This new investigation represents a new quality control that can be adopted to assess the safety of a vaccine. Our hypothesis is that this contamination is unintentional, since it is probably due to polluted components or procedures of industrial processes (e.g. filtrations) used to produce vaccines, not investigated and not detected by the Producers. If our hypothesis is actually the case, a close inspection of the working places and the full knowledge of the whole procedure of vaccine preparation would probably allow to eliminate the problem".[47]

[47] New Quality-Control Investigations on Vaccines: Micro- and Nanocontamination, http://medcraveonline.com/IJVV/IJVV-04-00072.pdf