



vaccines containing human fetal cells (MRC-5 and WI-38).<sup>1</sup> More are coming.<sup>2</sup>

7. **What is a vaccine?** A vaccine is a vial that contains a virus, a liquid buffer, and contaminants from the cell line that was used to manufacture the virus. Companies also put in the stabilizer so that the virus won't degrade. They also add adjuvants, aluminum, that can rev up your immune system. Doing so, they can use lower amounts of the virus and have a higher profit margin. These ingredients are in the final product, including contaminants from the cell lines that are used to manufacture vaccines. Take Varivax, a chickenpox vaccine, for example. You can find all the ingredients in the official package insert.<sup>3</sup>
8. **Why can't the contaminants be removed?** The virus in the vaccine is just a long chain of RNA or DNA. The chain is so long that it is not economical to make it in a test tube. Therefore, companies mimic nature's way of growing viruses by infecting cells. When the virus multiplies in the cells, they slice the cells and try to purify away the virus and leave behind the cells' impurities and DNA fragments. In the basics of manufacturing, there is a trade-off between the amount of product one can make and how pure that product can be. It is so difficult for the manufacturers to remove the cell line contaminants in vaccines that the WHO and FDA have relaxed their limitation guidelines on contaminants twice and 100-fold. Because of that, we have concern that the fetal cell line contaminants in the current vaccines are at very high levels. No final drug is ever completely "pure" and you will find

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<sup>1</sup> <http://www.soundchoice.org/wp-content/uploads/USVaccineExcipients.pdf>

<sup>2</sup> A new aborted fetal cell line has been developed, called PerC6, and licenses have been taken by over 50 partners, including the NIH and the Walter Reed Army Institute, to use this cell line for new vaccine and biologics production. The goal of the company that created the PerC6 is to become the production cell line for ALL vaccines, therapeutics antibodies, biologic drugs and gene therapy. We must know the consequences of contaminating human DNA before we wake up and discover that all newly approved recombinant drugs are produced by aborted fetal cells.

<sup>3</sup> [https://www.merck.com/product/usa/pi\\_circulars/v/varivax/varivax\\_pi.pdf](https://www.merck.com/product/usa/pi_circulars/v/varivax/varivax_pi.pdf)

contaminating DNA and cellular debris from the production cell in your final product. When we switch from using animal cells to using human cells, we now have human DNA in our vaccines and our drugs.

9. In the chickenpox vaccine, the fetal DNA contaminants are present at twice the level of the active ingredients, which is the Varicella DNA. When injecting into a baby or a child, those amounts of fetal DNA are more than enough to activate Toll-like receptor 9 (“TLR9”) and cause massive cytokine release and antibody formation.
10. Merck’s MMR II vaccine (as well as the chickenpox, Pentacel, and all Hep-A containing vaccines) is manufactured using human fetal cell lines and is heavily contaminated with human fetal DNA from the production process. Levels in our children can reach up to 5 ng/ml after vaccination, depending on the age, weight, and blood volume of the child. That level is known to activate TLR9, which can cause autoimmune attacks. The package insert for the MMR II vaccine (mumps, measles, rubella) states: “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”, but it does not tell the reader that contaminating DNA from the WI-38 propagation strain is found in the final product.
11. The package insert for Varivax, a chickenpox vaccine, states that the vaccine contains “residual components of MRC-5 cells including DNA and protein,” however many parents or grandparents, let alone pediatricians and pharmacists, may not know that MRC-5, or WI-38, is a cell line derived from an aborted fetus, and that the contaminating DNA and protein listed on the package insert is the DNA and protein of an aborted fetus. Those who hold related religious beliefs have likely done the research to determine this on their own.
12. To illustrate the autoimmune capability of very small amounts of fetal DNA, consider this:

labor is triggered by fetal DNA from the baby that builds up in the mother's bloodstream, triggering a massive immune rejection of the baby. This is labor.

13. It works like this: fetal DNA fragments<sup>4</sup> from a baby with about 300 base pairs in length are found in a pregnant mother's serum. When they reach between 0.46– 5.08 ng/mL, they trigger labor via the TLR9 mechanism.<sup>5</sup> The corresponding blood levels are 0.22 ng/ml and 3.12 ng/ml. The fetal DNA levels in a child after being injected with fetal-manufactured vaccines reach the same level that triggers autoimmune rejection of baby by mother.
14. **Anyone who says that the fetal DNA contaminating our vaccines is harmless either does not know anything about immunity and Toll-like receptors or they are not telling the truth.** If fetal DNA can trigger labor (a naturally desired autoimmune reaction), then those same levels in vaccines can trigger autoimmunity in a child. Fragmented fetal DNA contained in vaccines is of similar size, ~215 base pairs.<sup>6</sup>
15. This is direct biological evidence that fetal DNA contaminants in vaccines are not in low innocuous amounts. They are a very strong proinflammatory trigger.
16. Administration of fragments of human fetal (primitive) non-self DNA to a child could generate an immune response that would also cross-react with the child's own DNA, since the contaminating DNA could have sections of overlap very similar to the child's own DNA.
17. The MMR vaccine manufacturing process needs to be changed to address and eliminate the above risks for the public. Likewise, our current labeling guidelines for biologics must change so that doctors and patients are aware of the use of aborted fetal cell lines in these

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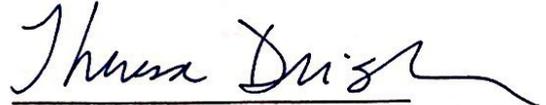
<sup>4</sup> Lo et al. Am J Hum Genet. 1998 Apr;62(4):768-75.

<sup>5</sup> Enninga et al. Front Immunol. 2015 Aug 26;6:424.

<sup>6</sup> Deisher et al. Issues Law Med. 2015 Spring;30(1):47-70.

mandated products.

18. The beliefs held by many that the cells and DNA of aborted fetuses are used in vaccines are accurate and until that changes, there will likely be religious objections to vaccinations for this reason alone.

  
Theresa Deisher, PhD

Sworn to before me this the  
10<sup>th</sup> day of September 2019

  
Signature of Notary Public

