## **DATE**

Patrick Desbiens Senior Vice President GSK US Vaccines 5 Crescent Drive Philadelphia, PA 19112

Dear Mr. Desbiens.

I write to thank you and your colleagues at GlaxoSmithKline for the development of your shingles vaccine, Shingrix, without using cell lines derived from elective abortions. It is my understanding, however, that GSK uses abortion-derived cell lines to manufacture its Hepatitis-A, Twinrix, and Ebola vaccines. I am respectfully urging GSK to stop relying on such cell lines.

Please understand that as one of your potential customers, I believe it is immoral to use abortion-derived tissues and/or cell lines in the production, testing or manufacture of vaccines and other pharmaceutical products. If I have the opportunity to receive an alternative vaccine that has no connection to abortion, I will choose that vaccine instead of GSK's vaccines that use abortion-derived cell lines.

It is my understanding that alternative, non-abortion-derived cell sources are available or could be made available. Had GSK instead chosen to use a cell line with no connection to abortion for some of its vaccines, it would have eliminated a significant moral dilemma now faced by substantial numbers of people.

As research and testing continue at GSK, I respectfully but strongly urge you to take note of my objections and discontinue the use of abortion-derived cell lines in the development and testing of your products. This is an issue of emerging importance and one about which persons of faith are becoming increasingly knowledgeable. Now and in the future, I will continue to seek out and support those pharmaceutical companies that avoid the use of abortion-derived cell lines.

Sincerely,