

Mr.
Madam Chair, honored members of the committee. My name is Shelley Reed, your constituent from 30145 El Rio Lane, Junction City, Oregon.

I learned last night that you would be having a public meeting on the matter of religious exemption from mandatory vaccination. As is always the case with all matters legislature, I wish I had had more time to prepare. I would have been able to sort through the mountains of research I have accumulated over my children's lifetimes and share with you the most poignant and relevant pieces of information.

For instance, I thought this information was particularly interesting:

"This study demonstrates mitochondrial defects within the temporal cortex of ASD children by demonstrating changes in proteins affecting mitochondrial OXPHOS, Complex I and IV enzyme activities, antioxidant defense, dynamics and content. Perhaps most importantly, the data indicate that many of the differences between ASD patients and control subjects occur predominantly in childhood, when ASD symptoms are initially expressed, and that several of these features are present in cortical pyramidal neurons

... The most severe respiratory chain damage was apparent in the ASD children, as patients b10 y showed lower levels of Complex I, III, IV, and V proteins and decreased Complex I and IV enzyme activities. Severe respiratory chain abnormalities at a younger age may result in mitochondria dysfunction and abnormal energy metabolism and contribute to the onset of ASD symptoms: nevertheless, b30% of adult patients also demonstrated decreased levels of mitochondrial ETC. complexes, and so it may be that mitochondrial abnormalities occur throughout life for some patients.

our detailed molecular analysis of mtDNA in the brain of eight ASD children ruled out direct mtDNA involvement in these patients. The ETC. abnormalities may rather be secondary to environmental stressors, including aberrant Ca++ signaling, alterations in immune function, toxic compounds, or oxidative Stress

... If present during critical developmental periods, mitochondrial dysfunction could promote synaptic calcium deregulation and disruption of normal neuronal networks that have been postulated to underlie cognitive attention deficits in ASD. Consistently, we observed a significant increase in compromised mitochondria and oxidative stress in patients aged 2-10, the critical developmental window during which improper synaptogenesis develops in ASD, particularly in temporal cortex...."

Unlike some of the unnamed parents of the pediatric patients in Portland, I am not confused about the information I see on the Internet. Like most Oregonians my level of education is higher than that of our national average. I had an excellent education and while I am working on my scientific vocabulary, I was taught critical thinking.

I am not opposed to vaccines in general; my children had all the vaccines they didn't have an adverse reaction to - and yet they got the measles and chicken pox. I am opposed to the random administration of vaccines to innocent little bodies whose specific biology is not analyzed for contraindications prior to administration of these foreign substances. You would not administer one cancer treatment to all individuals with the same cancer. Much more care is given in understanding the personal dynamics of each cancer patient prior to the determination and administration of treatment. We need to do the same for our infants.

I do not agree that people in Oregon are opting out of the set vaccine schedule because they are misinformed or lazy, as the local paper seemed to intone the other day. They are opting out because it is their informed opinion that the risk in the schedule outweighs the benefits. I think that if the vaccine manufacturers were actually liable for the deadly mistakes they make instead of relying on the American taxpayer to pick up the tab, which at a remuneration rate of only 15% of all actual adverse events is a \$2 billion tab and growing exponentially since Ronald Reagan set up the National Vaccine Injury Act in 1986 to let them off the hook, maybe, just maybe American citizens would not be so scared.

It is my opinion that this bill regarding religious exemptions should be thrown out. In lieu of that it is my desire that you make the required video mandatory for all vaccine recipients and that it should visually depict what happens to children if they don't get the vaccine, but must also depict what happens when vaccines go wrong - as they have and they will.

Thank you for your time.