



## Bureau of Environmental Health and Radiation Protection

"Protect and improve the health of all Ohioans by preventing disease, promoting good health and assuring access to quality care."

# C-8 Health Project Science Panel Results

### Class Action Lawsuit – C8 Health Project – Science Panel

In August of 2001, on behalf of West Virginia and Ohio residents exposed to PFOA (C8) through their drinking water supplies, attorneys filed a class action lawsuit in the Wood County WV Circuit Court against DuPont. As part of the class action lawsuit settlement, the Wood County Circuit Court ordered the collection of health data to be used in a study to determine whether C8 can be linked to human disease in the area impacted by the DuPont Washington Works releases.

In June of 2006, over 70,000 participants completed a health questionnaire and over 64,200 persons had their blood drawn. The collected health histories and blood test results were submitted to an independent "Science Panel," comprised of three internationally-recognized epidemiologists. The collected health histories and results of the blood were analyzed by the Science Panel, whose job was to determine if there is a link between elevated C8 levels in blood and incidence of specific diseases in the exposed population.

The below information provides both communities and medical providers a quick-glance summary of the Science Panel findings. If you have specific questions or concerns about any of the studies, we encourage you to go to their Web page at [www.c8sciencepanel.org](http://www.c8sciencepanel.org) or send your question to members of the Science Panel at: [panel.c8study@gmail.com](mailto:panel.c8study@gmail.com)

#### Probable Links:

- **Pregnancy-Induced Hypertension and Preeclampsia (December**

**2011)** There IS a probable link between C8 and pregnancy-induced hypertension.

- **Autoimmune Disease (July 2012)** There IS a probable link with ulcerative colitis. However, there is NO probable link between C8 and any of the other autoimmune diseases including rheumatoid arthritis, lupus, type1 diabetes, Crohn's disease, or multiple sclerosis.
- **Cancer (April 2012)** There IS a probable link between C8 and testicular cancer and kidney cancer, but not any of the other cancers that were considered.
- **Thyroid Disease (July 2012)** There IS a probable link between C8 and thyroid disease.

#### Not Probable Links:

##### 2011 reports:

- **Birth Defects (December 2011)** There is not a probable link between C8 and birth defects.
- **Miscarriage and Stillbirths (December 2011)** There is not a probable link between C8 and miscarriage or stillbirth.
- **Preterm Birth and Low Birth Weight (December 2011)** There is not a probable link between C8 and preterm birth or low birth weight.

##### 2012 reports:

- **Diabetes (April 2012)** There is not a probable link between C8 and Type II (adult-onset) diabetes.
- **Infectious Disease (July 2012)** There is not a probable link between

C8 and common infections, including influenza in children or adults.

- **Neurodevelopmental Disorders in Children (July 2012)** There is not a probable link between C8 and neurodevelopmental disorders in children, including attention deficit disorders and learning disabilities.
- **Respiratory Disease (July 2012)** There is not a probable link between C8 and asthma or chronic obstructive airways disease (COPD).
- **Stroke (July 2012)** There is not a probable link between C8 and a stroke.
- **Kidney Disease (October 2012)** There is not a probable link between C8 and chronic kidney disease.
- **Liver Disease (October 2012)** There is not a probable link between C8 and liver disease.
- **Heart Disease (including high blood pressure, high cholesterol, coronary artery disease) (October 2012)** There is not a probable link between C8 and high blood pressure (hypertension), high cholesterol (hypercholesterolemia), coronary artery disease, including its manifestations as myocardial infarction, angina, and coronary bypass surgery.
- **Osteoarthritis (October 2012)** There is not a probable link between C8 and Osteoarthritis.
- **Parkinson's Disease (October 2012)** There is not a probable link between C8 and Parkinson's disease.

To view any of the above mentioned Probable Link Reports, visit the C8 Science Panel, C8 Probable Link Reports at [http://www.c8sciencepanel.org/prob\\_link.html](http://www.c8sciencepanel.org/prob_link.html)

To see a listing of the C8 Science Panel Studies, visit the C8 Science Panel, Summary of the C8 Science Panel Studies at <http://www.c8sciencepanel.org/studies.html>

To view a listing of the available ODH-created fact sheets, visit <http://www.odh.ohio.gov/odhprograms/eh/h>

<http://www.odh.ohio.gov/odhprograms/eh/h> and select one of five documents produced for this chemical.

### Where Can I Get More Information?

Ohio Department of Health  
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