Understanding Early-in-Life Exposures to Carcinogens

Reducing Cancer Risks to Californians

CANCER IN OUR CHILDREN

- Fetus, Infants, and Children

- 1,600 California Children are Diagnosed with Cancer Each Year.

- Cancer—Second Leading Cause of Death in Children. Except for Children, Overall Cancer Rates are Declining.

- Life-Time Cancer Risks from Exposures Early-in-Life are Poorly Understood for Many Carcinogens.

- Effect of Early-in-Life Exposures on Adult Cancers.

HUMAN STUDIES

- Ionizing Radiation — Thyroid Cancer
- DES — Female Reproductive Tissue Cancer

LAB ANIMAL STUDIES

- Vinyl Chloride — Liver Cancer
- Dioxins — Liver Cancer
- Urethane — Lung Cancer

IMPROVE OUR UNDERSTANDING OF LIFETIME CANCER RISK FROM EARLY LIFE EXPOSURES TO CARCINOGENS.

- Compile Database of Cancer Studies for Research and Policy.
- Develop Criteria for Evaluating Early-Life Exposures to Carcinogenic Agents.
- Identify Carcinogens Posing Special Risks to Infants and Children.
- Ensure Cancer Risk Assessment Procedures are Protective of the Fetus, Infant, and Child.
- Develop Health Standards that Protect Infants and Children.
- Reduce Cancer Incidence.