

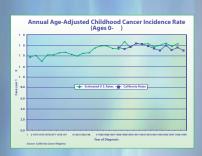
# Understanding Early-in-Life Exposures to Carcinogens Reducing Cancer Risks to Californians

### CANCER IN OUR CHILDREN

## FETU , INFANTS, AND CHI DR N



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.



## EARLY-LIFE-EXPOSURES

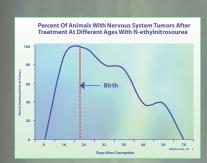
### E AMP OF INCR D RISK

#### **HUMAN STUD**

- > Ionizing Radiation **Thyroid Cancer**
- DES Female Repro**ductive Tissue Cancer**

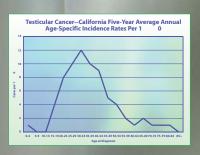


#### **LAB ANIMAL STUDIES**



# SOME POSSIBLE FACTORS ASSOCIATED WITH INCREASED TESTICULAR CANCER RISK

- Cryptorchidism (Risk Factor Or
- High maternal Age (Elevated) **Levels Of Pregnancy Estrogens**)
- Birth Weight Below 3000 Grams **Or Above 4000 Grams**
- Childhood Residence In High **Nitrate Area**
- High Social Class



### ULTITIA'S COMMITMENT

## REDUCE CANCER RISKS FROM EARLY-LIFE EX

**Improve Our Understandin** of Lifetime **Cancer Risk Carcinogens** 





Criteria for to Carci-

- ncer Risk Assessment re Protective of the and Child.

