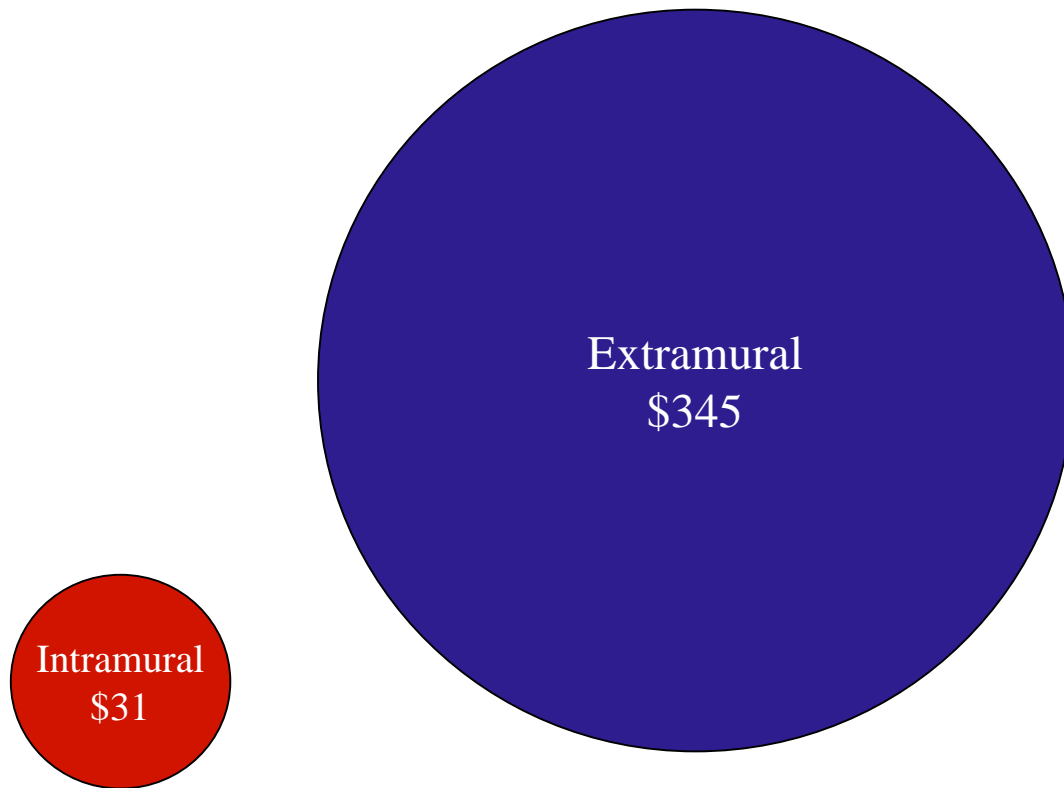
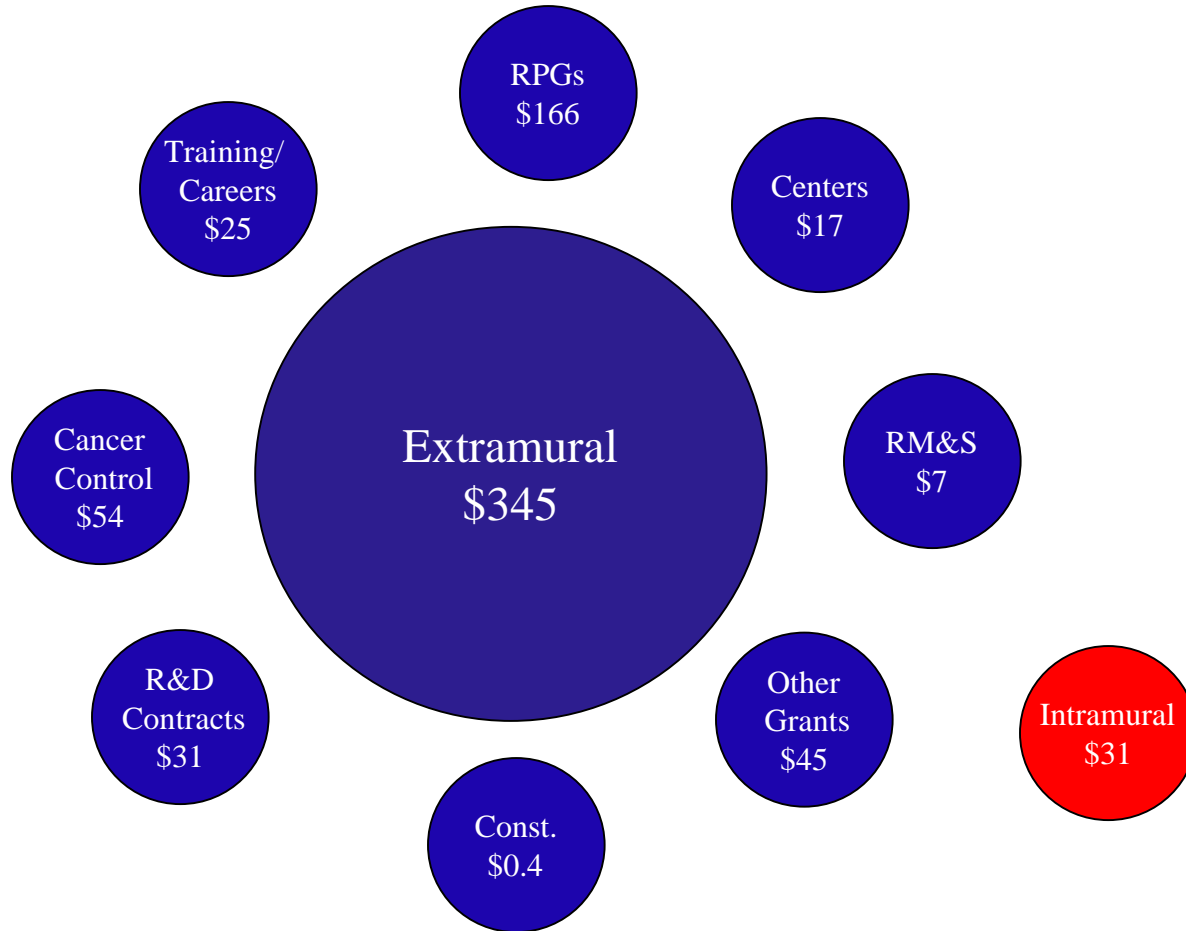


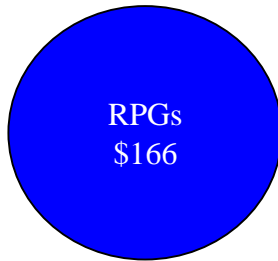
**NATIONAL CANCER INSTITUTE  
FY 1999 Increase of \$376 million**



**NATIONAL CANCER INSTITUTE  
FY 1999 Increase of \$376 million**



## NATIONAL CANCER INSTITUTE FY 1999 Increase of \$376 million



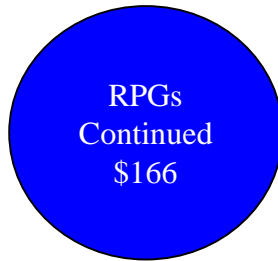
- \$88 = To pay inflationary increases for noncompeting commitments
- 70 = To increase average cost of all 182 competing RPGs by 5.1%
- 8 = To pay Congressionally mandated increase in SBIR/STTR

44% of increase in FY 1999  
48% percent of total FY 1998 budget

### **Selected research topics supported through this mechanism**

- Evaluate neuroblastoma cells to decipher the complex communication pathways involved in tumor development and progression
- Support over 1200 competing grants for a 31% success rate
- Expand DNA mapping technologies
- Preclinical models of cancer
- Imaging and radiation therapies for brain tumors
- HIV vaccine research, design and assessment

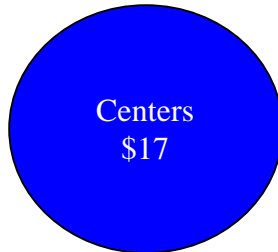
## NATIONAL CANCER INSTITUTE FY 1999 Increase of \$376 million



### **Selected programs supported through this mechanism**

- Cancer Drug Discovery Diversity Generation and Smart Assay
- Tamoxifen as a preventive agent for breast cancer
- Improve survival rate for children with neuroblastoma
- Hepatitis C Natural History, Pathogenesis, Therapy and Prevention
- Consortium for mouse models of human cancers
- Launch early detection research network to link basic sciences, clinical sciences, public health, biostatistics, informatics and computer sciences
- Molecular diagnostics for prostate cancer
- Genomic techniques in cancer research using cDNA microarrays
- Molecular classification of tumors
- Environmental risk factors and breast cancer in high risk areas of the US
- Susceptibility to tobacco-related carcinogenesis

## NATIONAL CANCER INSTITUTE FY 1999 Increase of \$376 million



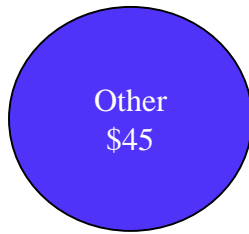
- \$17 = To fund 59 research centers, 15 SPORES and establish an additional 2 to 3 basic research centers

5% of increase in FY 1999  
6% percent of total FY 1998 budget

### **Selected programs supported through this mechanism**

- Transdisciplinary tobacco use research centers
- Expand geographic coverage of centers program
- Develop initiatives emphasizing prostate and lung cancer

## NATIONAL CANCER INSTITUTE FY 1999 Increase of \$376 million



- \$44 = To pay inflationary increases for noncompeting commitments
- .8 = To increase support to Minority Biomedical Research Support Grants

12% of increase in FY 1999  
5% percent of total FY 1998 budget

### **Selected programs supported through this mechanism**

- New technologies for analyzing Autologous Bone Marrow Transplant (ABMT) with children suffering from neuroblastoma
- Identify new intensive treatment regimen for Acute Lymphoblastic Leukemia (ALL)
- Resources for adding additional new patients to clinical trials
- Prostate pilot within the Cancer Genetics Network
- Small Animal Imaging Resource Program
- Cooperative Family Registries for Colon Cancer
- In Vitro Toxicity Evaluation of Anti-Cancer and Anti-HIV Drugs

## NATIONAL CANCER INSTITUTE FY 1999 Increase of \$376 million



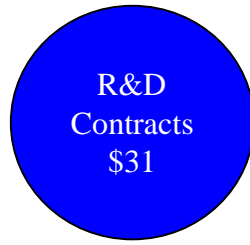
- Support stipend increase at 25%

7% of increase in FY 1999  
3% percent of total FY 1998 budget

### **Selected programs supported through this mechanism**

- Mentored training in clinical research methodology
- Research and mentoring time for clinicians
- Support new K08-C awards
- Training in quantitative and computational sciences
- Clinical pharmacology training
- Continued support for the NRSA program

## NATIONAL CANCER INSTITUTE FY 1999 Increase of \$376 million



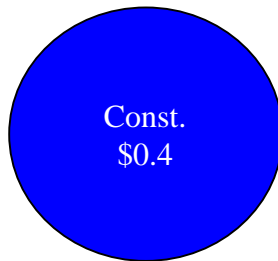
8% of increase in FY 1999  
7% percent of total FY 1998 budget

### **Selected programs supported through this mechanism**

- New DNA library technologies for the Cancer Genome Anatomy Project
- Infrastructure systems for managing confidential health data
- Unconventional innovations research
- Adapt geographic information systems for cancer surveillance
- Expand methodologic and modeling research
- Accelerated technology transfer
- Support informatics effort in the extramural research program, including clinical trials
- Clinical trials pilot program



## NATIONAL CANCER INSTITUTE FY 1999 Increase of \$376 million

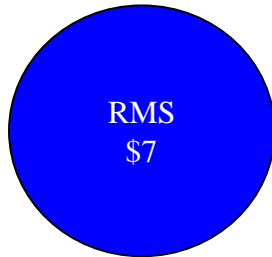


.01% of increase in FY 1999  
1% percent of total FY 1998 budget

### **Selected programs supported through this mechanism**

- Expand, remodel, renovate, or alter existing health research facilities, including repair, improve and maintain research facilities at Frederick Cancer Research and Development Center

## NATIONAL CANCER INSTITUTE FY 1999 Increase of \$376 million



- \$7 = Increase cost of scientific program management and administration

2% of increase in FY 1999  
4% percent of total FY 1998 budget

### **Selected programs supported through this mechanism**

- Grant and Contract management & administration
- Expanded consumer and public liaison, industrial relations and alternative medicine activities
- Maintenance of facilities
- Science Information System

## NATIONAL CANCER INSTITUTE FY 1999 Increase of \$376 million

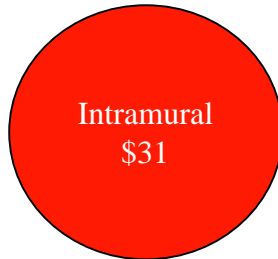


- \$ 36 = Grants for prevention and control of cancer
- 18 = Contracts and inhouse cancer control activities

### **Cancer Control**

- Create basic behavioral and social research units for breast cancer research
- Early Detection Research Network
- Launch the Study of Tamoxifen and Raloxifene (STAR)
- Mouse Genome Initiative
- Trans-disciplinary tobacco control research initiative
- Increased internet and PDQ patient and public information activities
- Behavior Research Initiatives
- Continued support to the National Black Leadership Initiative
- Cancer Research Networks across Health Care Systems
- Minority Based Community Clinical Oncology Program
- Diet Intervention Trial in Adolescents
- Prostate Cancer Screening in BRCA1 and BRCA2 Families
- Cancer Atlas

## NATIONAL CANCER INSTITUTE FY 1999 Increase of \$376 million



- \$31= Increase cost of laboratory research

8% of increase in FY 1999  
17% percent of total FY 1998 budget

### **Selected programs supported through this mechanism**

- Analysis of gene expression in human lymphomas
- Expand therapeutic based initiatives for ovarian cancer research
- Support synchrotron initiative of NIH
- Mouse genome initiative
- Chromosome Painting Initiative at FCRDC
- Genetics and Gene-Environment interactions in Lung Cancer
- Statistical Methods for Molecular Epidemiology
- Non-Hodgkins Lymphoma dust project
- NCI Scholars Program
- Development of Advanced Technology Center