

NCI
Breast Pre-Malignancy
Program

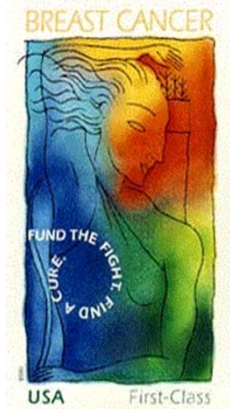
Presentation to the
National Cancer Advisory Board

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Stamp-Out Breast Cancer Stamp Act

Background:

- Purpose: Support breast cancer research and raise public awareness about the disease
- Allows U.S. Postal Service to sell a special issue stamp with a surcharge above the first-class postage rate (current rate 45 cents)
- Authorized by P.L. 105-41 in August 1997 and reauthorized through 2007 by P.L. 109-100



Stamp-Out Breast Cancer Stamp Act

- 70% of donated funds allocated to the National Cancer Institute, NIH
- 30% of donated funds allocated to the Department of Defense Breast Cancer Research Program

NCI Breast Cancer Research Supported via the Fund

- As of FY 2006, NCI received a total of \$35.2 million
- Funds have supported two programs:
 - Insight Awards to Stamp-Out Breast Cancer (Support of R21s- high risk research)
 - Breast Cancer Research Stamp Act Awards (Funding of R01 proposals focused exclusively on breast cancer that were outside the pay line)
- For FY 2007, NCI has \$8.3 million from the Fund to support additional breast cancer research

NCI Breast Pre-Malignancy Program

- Breast pre-malignancy research was identified as the target area for use of new Breast Cancer Stamp Act funds
- The NCI Breast Pre-Malignancy Program was established, consisting of 6 research components
- A Trans-NCI Steering Committee was formed to provide oversight and integration to the Program
 - All 5 extramural and both intramural Divisions and most Centers are represented

NCI Breast Pre-Malignancy Program

Six Projects were Selected by the NCI Executive Committee For Support:

- Biology of Breast Pre-Malignancy (DCB)
- Molecular Epidemiology and Mammographic Density (DCEG)
- Evaluation of Decision-Making Approaches Used by Women Recruited to Chemoprevention Trials for Breast Cancer (DCP)
- Evaluation Strategies to Improve Accuracy of Mammography Interpretation with the Breast Cancer Surveillance Consortium Research Resources (DCCPS)
- MRI-Guided Therapy with Targeted SPIO Carbon Nanostructure -- Supplement to a Breast Cancer SPORE (DCTD)
- Isolation, Propagation, Characterization, and Imaging of Breast Cancer Stem Cells to Improve Early Diagnosis and Therapy of Breast Cancer; and Development and Characterization of Affibody[®]-Based Bioconjugates for Molecular Imaging and Targeted Therapy of HER2-Positive Breast Cancers (CCR)

CCR Breast Pre-Malignancy Projects

Isolation, Propagation, Characterization, and Imaging of
Breast Cancer Stem Cells to Improve Early Diagnosis and
Therapy of Breast Cancer

Barbara K. Vonderhaar, Ph.D.

Co-Chair Breast and Gynecologic Malignancies Faculty

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