

# Division of Cancer Control and Population Sciences

*Bob Croyle, PhD*

*Acting Director*

*Division of Cancer Prevention*

# Scientific Scope of NCI's Division of Cancer Control and Population Sciences

- DCCPS aims to reduce risk, incidence, and deaths from cancer as well as enhance the quality of life for cancer survivors.
- The division conducts and supports an integrated program of the highest quality genetic, epidemiological, behavioral, social, applied, and surveillance cancer research.
- DCCPS-funded research aims to understand the causes and distribution of cancer in populations, support the development and delivery of effective interventions, and monitor and explain cancer trends in all segments of the population.
- Central to these activities is the process of synthesis and decision making that aids in evaluating what has been learned, identifying new priorities and strategies, and effectively applying research discoveries to reduce the cancer burden.

## DCCPS Organization and Leadership



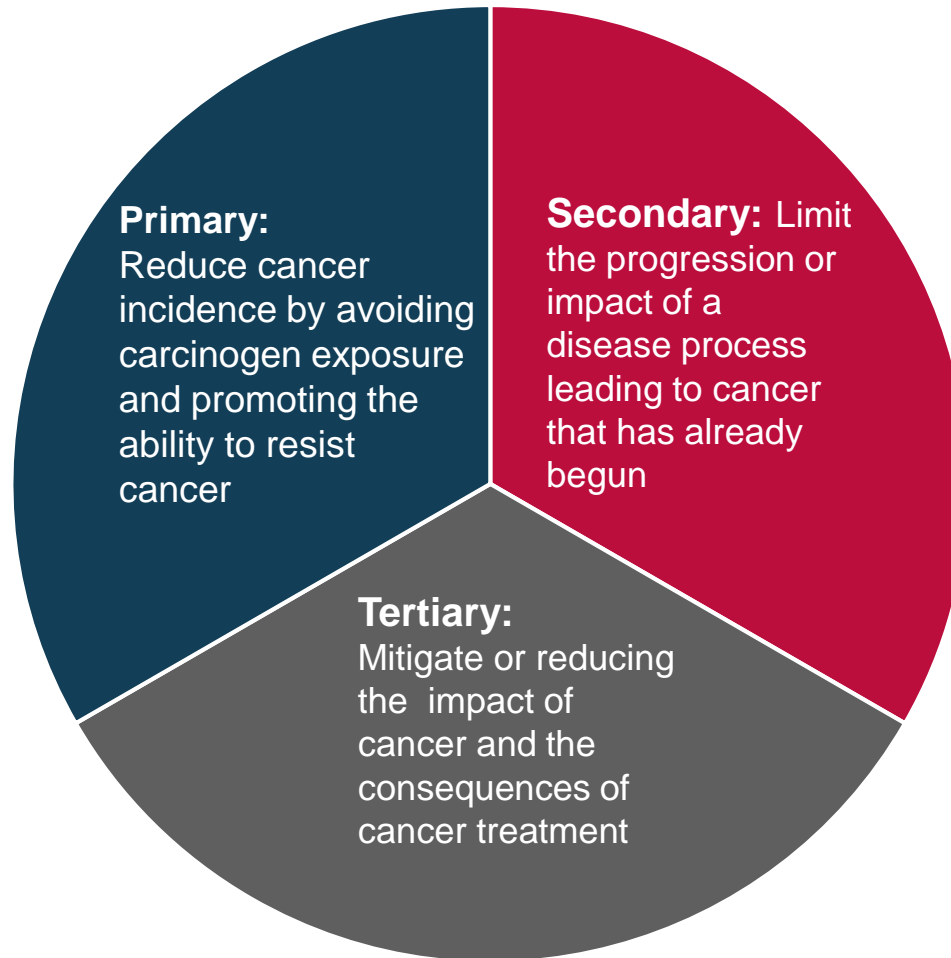
# Division of Cancer Prevention

*Debbie Winn, PhD*

*Acting Director*

*Division of Cancer Prevention*

# Goals of cancer prevention

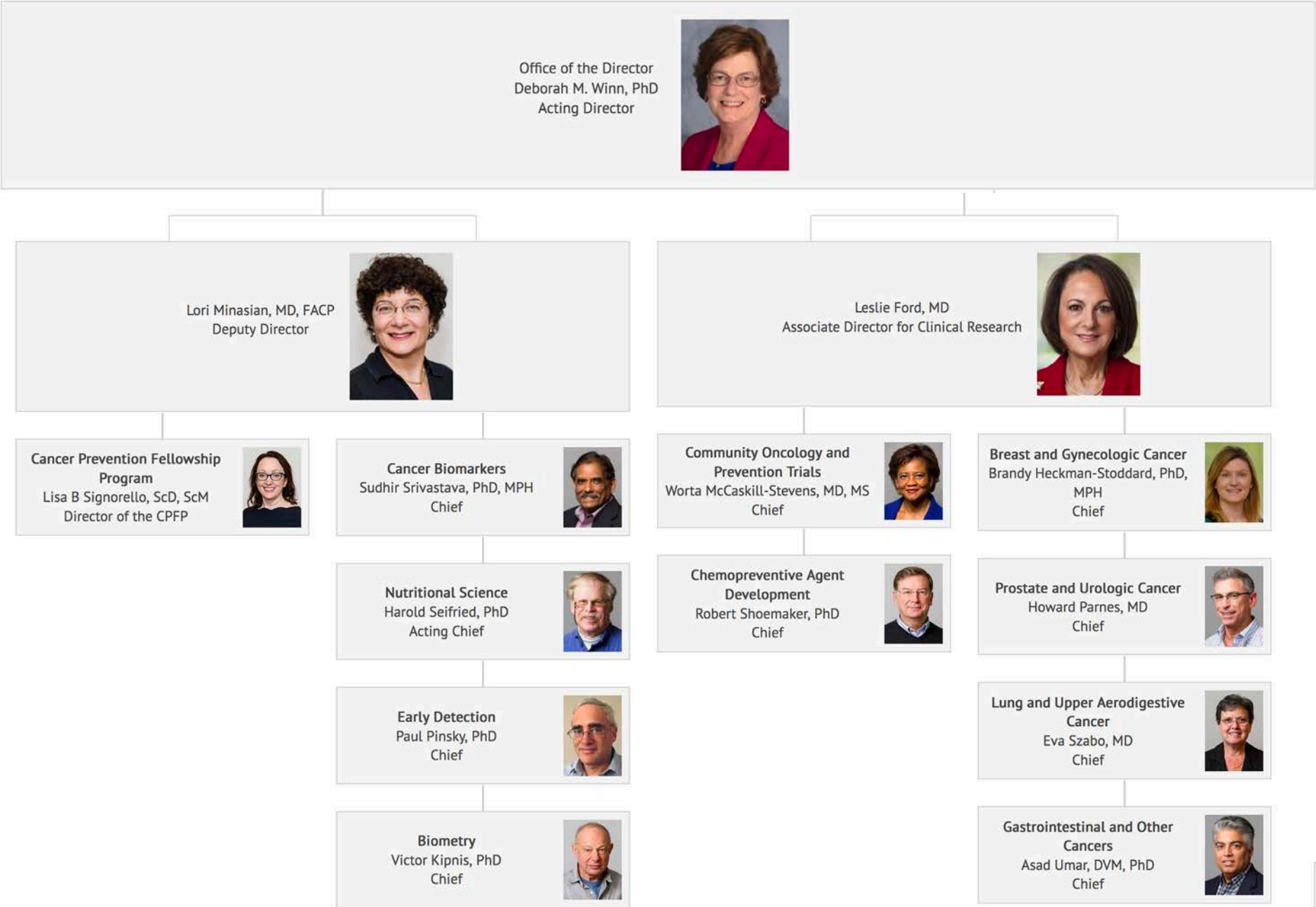


Adapted from: Lippman SM, et al. AACR White Paper: Shaping the Future of Cancer Prevention - A Roadmap for Advancing Science and Public Health. Cancer Prev Res (Phila). 2018 Dec;11(12):735-778.

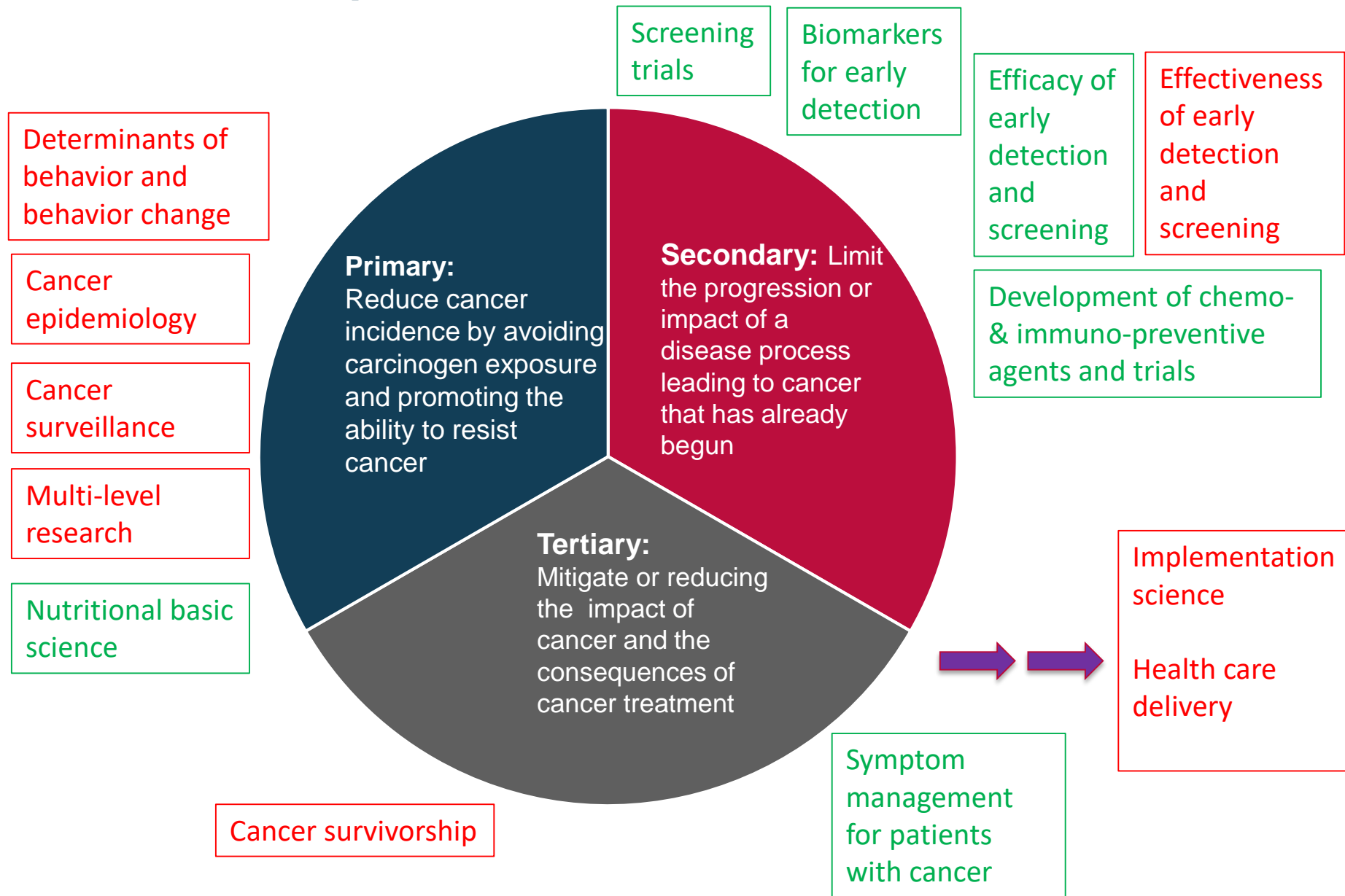
# Scientific Scope of NCI's Division of Cancer Prevention

- Conduct and support research in cancer prevention, early detection, and screening, and on prevention and management of symptoms and toxicities in cancer patients
- Develop interventions to target cancer pathways in populations that can be accurately identified as at risk for cancer
  - Interventions may be drugs, vaccines, surgery, or behavioral modifications
  - Populations at risk may be found using biomarkers or new screening technologies
- Our Cancer Prevention Fellowship Program trains future leaders in the field of cancer prevention and control

# DCP Leadership



# Goals of cancer prevention and **DCCPS** and **DCP** missions

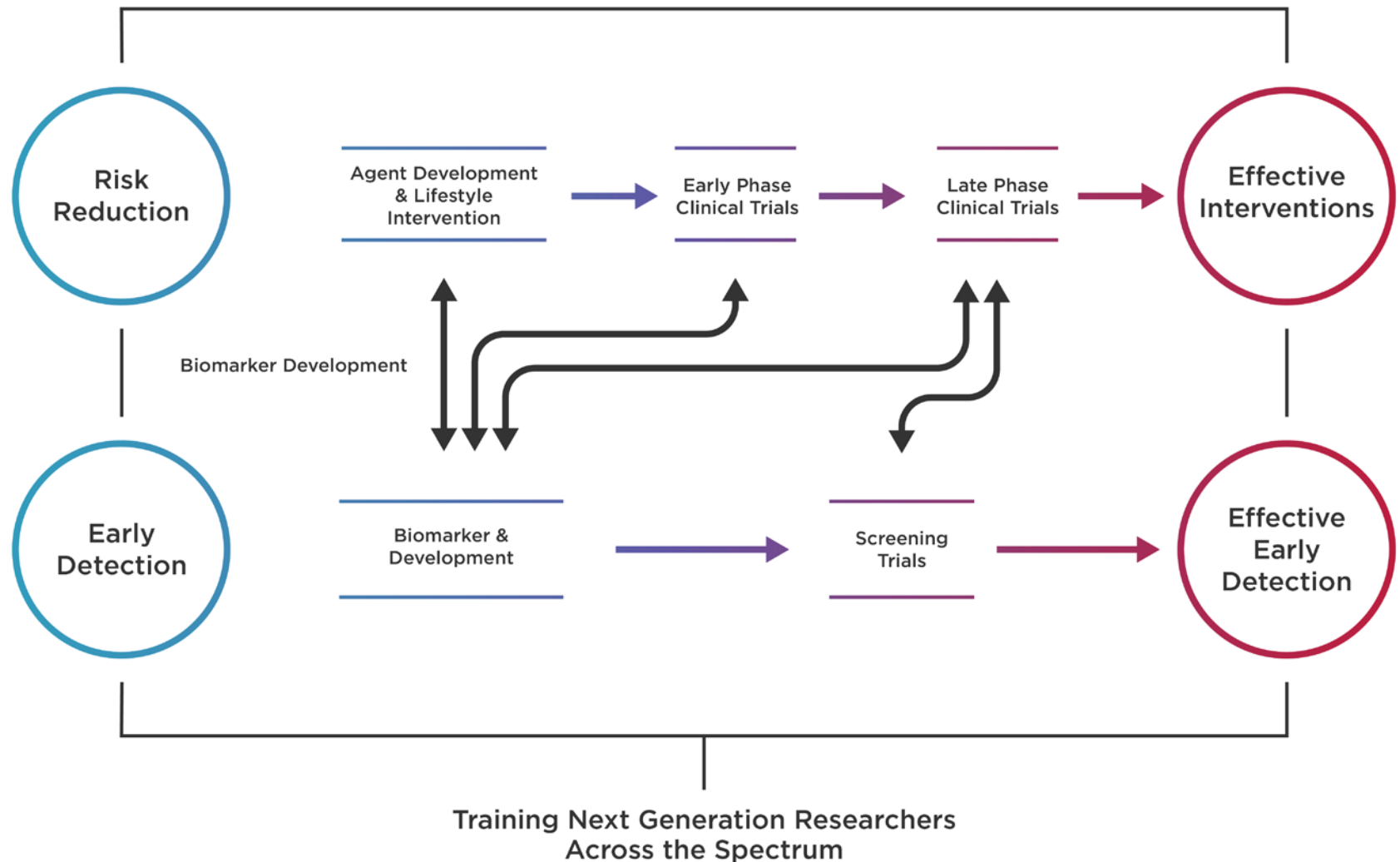


Adapted from: Lippman SM, et al. AACR White Paper: Shaping the Future of Cancer Prevention - A Roadmap for Advancing Science and Public Health. Cancer Prev Res (Phila). 2018 Dec;11(12):735-778.

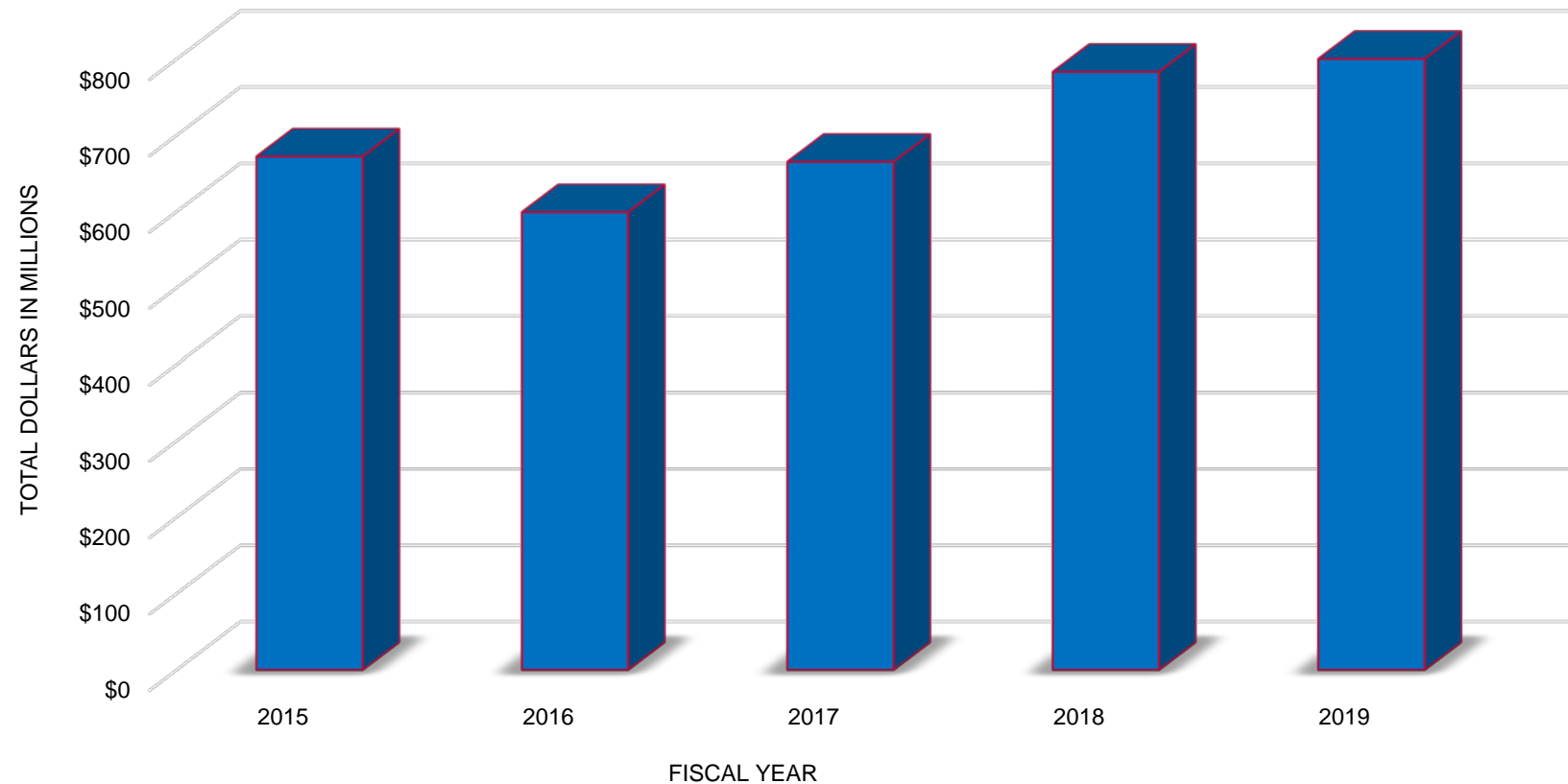


# Cancer Prevention Science

## Risk Reduction & Early Detection



# Funding for Population Science and Prevention Research Grants



# NCI Board of Scientific Advisors (BSA) Working Group on Prevention

- **Charge:** Given the changing nature and opportunities related to cancer prevention, screening, and early detection, the BSA will convene a Working Group to consider how best to utilize the significant, albeit limited, resources and personnel of NCI in developing and sustaining a cancer prevention and early detection research program
- **Membership:** select BSA and NCAB members, as well as individuals with expertise in prevention, early detection, risk assessment, data science, technology, clinical informatics, consumer health, basic research, translational research, and other domains.
- **Advises the NCI Board of Scientific Advisors and the NCI Director**