

***Department of Defense
Ovarian Cancer
Research Program***

1998 Awards Book

November 1999

Headquarters, U.S. Army Medical Research and Materiel Command
MCMR-PLF, 524 Palacky Street
Fort Detrick, Maryland 21702-5024

INTRODUCTION

The Department of Defense (DOD) and the U.S. Army Medical Research and Materiel Command is pleased to present the award list and abstracts of funded projects for the Fiscal Year 1998 (FY98) Ovarian Cancer Research Program. On September 30, 1999 award negotiations were completed. The awards listed in this document were selected by a competitive two-tiered review process. Funding decisions were based upon scientific excellence evaluated in the first tier of review followed by programmatic relevance judged in the second tier. These projects represent a diverse portfolio of scientific research directed toward the program's overall goal of promoting studies toward the prevention of ovarian cancer.

Congressional direction for FY98 specified \$10 million for ovarian cancer research. During the 12 months that followed the receipt of funds, a program strategy was developed, proposals were solicited and evaluated, and awards were selected. The FY98 programmatic strategy called for Program Project proposals. The Program Project is designed to promote an innovative, multidisciplinary approach in which at least two different scientific disciplines are engaged in collaboration. The overall Program Project incorporates at least two individual research projects integrated around a common theme addressing ovarian cancer prevention and/or etiology. Five Program Projects were funded.

As the funded scientists embark on these projects, the DOD and the U.S. Army gratefully acknowledge the participation of their scientific advisors, ovarian cancer survivors, and the ovarian cancer advocacy community. The expertise, vision, and diversity of perspectives of all members who contributed to this program were vital to developing a sound investment strategy on behalf of all persons living with ovarian cancer. It is with great anticipation and excitement that we await the outcomes of this research.

**FUNDED
AWARDS LIST**

FY98 Ovarian Cancer Research Program Funded Awards List

| Log | Principal Investigator Name | | Institution | Proposal Title | Award Amount |
|----------|-----------------------------|----------|---|--|---|
| OC980015 | Gershenson | David | University of Texas M.D. Anderson Cancer Center | Chemoprevention of Ovarian Cancer | \$1,200,320 <small>(FY98 - \$853,000 FY99 - \$347,320)</small> |
| OC980006 | Karlan | Beth | University of California, Los Angeles Jonsson Comprehensive Cancer Center | Genetic Definition and Phenotypic Determinants of Human Ovarian Carcinomas | \$1,996,527 |
| OC980011 | Mok | Samuel | Brigham and Women's Hospital | Multidisciplinary Strategies in the Prevention and Early Detection of Ovarian Cancer | \$1,994,214 |
| OC980019 | Ramakrishnan | Sundaram | University of Minnesota | Role of Angiogenesis in the Etiology and Prevention of Ovarian Cancer | \$1,958,118 |
| OC980008 | Smith | David | Mayo Foundation | Characterization of Genetic Alterations in Ovarian Cancer | \$1,978,305 |

PEER REVIEWERS

FY98 Ovarian Cancer Research Program Peer Reviewers

| Peer Reviewer | Degree | Institution/Affiliation |
|------------------------|---------------|--|
| Ackerman, Virginia | | Consumer |
| Alvarez, Ronald | M.D. | Department of Obstetrics/Gynecology, University of Alabama at Birmingham |
| Artemov, Dmitri | Ph.D. | Department of Radiology, The Johns Hopkins University School of Medicine |
| Barton, Michelle | Ph.D. | Department of Molecular Genetics, University of Cincinnati |
| Berchuck, Andrew | M.D. | Duke University Medical Center |
| Bernstein, Jonine | Ph.D. | Department of Community and Preventive Medicine, Mount Sinai School of Medicine |
| Bienstock, Rachele | Ph.D. | National Institute of Environmental Health Sciences |
| Boothman, David | Ph.D. | Departments of Radiation Oncology and Pharmacology, Case Western Reserve University |
| Braly, Patricia | M.D. | Department of Obstetrics and Gynecology, Louisiana State University Medical Center |
| Brown, Anthony | Ph.D. | Strang Cancer Research Laboratory, Weill Medical College of Cornell University |
| Bull, Joan | M.D. | Division of Oncology, University of Texas Medical School |
| Casey, Graham | Ph.D. | Department of Cancer Biology, Cleveland Clinic Research Institute |
| Chambers, Setsuko | M.D. | Department of Obstetrics and Gynecology, Yale University School of Medicine |
| Clevenger, Charles | M.D., Ph.D. | Department of Pathology and Laboratory Medicine, University of Pennsylvania Medical School |
| DeMayo, Francesco | Ph.D. | Department of Cell Biology and Pediatrics, Baylor College of Medicine |
| Dutta, Anindya | M.D., Ph.D. | Department of Pathology, Brigham and Women's Hospital, Harvard Medical School |
| Eck, Stephen | M.D., Ph.D. | Institute For Human Gene Therapy, University of Pennsylvania School of Medicine |
| Elbendary, Al | M.D. | Department of Obstetrics and Gynecology, Washington University |
| Gabrielson, Edward | M.D. | Department of Pathology, Johns Hopkins Bayview Medical Center |
| Garcia-Blanco, Mariano | M.D., Ph.D. | Department of Pharmacology and Cancer Biology, Duke University Medical Center |
| Goodman, Marc | Ph.D., M.P.H. | Cancer Research Center of Hawaii, University of Hawaii at Manoa |
| Groden, Joanna | Ph.D. | Department Molecular Genetics, Biochemistry and Microbiology, University of Cincinnati |
| Hilsenbeck, Susan | Ph.D. | Department of Medicine, University of Texas, San Antonio |
| Holmberg, Augusta Dawn | | National Ovarian Cancer Coalition - Texas |

| Peer Reviewer | Degree | Institution/Affiliation |
|-------------------------|---------------|---|
| Horowitz, Jonathan | Ph.D. | Department of Anatomy, Physiology and Radiology, North Carolina State University |
| Hshieh, Paul | Ph.D. | Department of Preventive Medicine, Uniformed Services University of Health Sciences |
| Huppi, Konrad | Ph.D. | Laboratory of Genetics, National Cancer Institute, National Institutes of Health |
| Jackson, Cynthia | Ph.D. | Department of Pathology, Rhode Island Hospital |
| Kandpal, Raj | Ph.D. | Fels Institute for Cancer Research, Temple University School of Medicine |
| Kattan, Michael | Ph.D. | Department of Surgery and Biostatistics, Memorial Sloan-Kettering Cancer Center |
| Kung, Hsing-Jien | Ph.D. | University of California, Davis Cancer Center |
| Locker, Joseph | M.D., Ph.D. | Department of Pathology, Albert Einstein College of Medicine |
| Lowery, Dolores | M.S. | Lowery Associates |
| Manfredi, James | Ph.D. | Mount Sinai Medical Center |
| Mason, Ann | | Chlorine Chemistry Council |
| Matzuk, Martin | M.D., Ph.D. | Department of Pathology, Baylor College of Medicine |
| Morgan, William | Ph.D. | Laboratory of Radiation Biology, University of California |
| Morton, Cynthia | Ph.D. | Department of Pathology, Brigham and Women's Hospital |
| Mulhern, Sally | Ph.D. | Executive Secretary |
| Muller, Carolyn | M.D. | Department of Obstetrics and Gynecology, University of Texas Southwestern Medical Center |
| Ness, Roberta | M.D., M.P.H. | School of Public Health, University of Pittsburgh |
| Olopade, Olufunmilayo | M.D. | University of Chicago Medical Center |
| Oziel, Rhonda | M.L.S. | BNA, Inc. |
| Penn, Linda | Ph.D. | Department of Cellular and Molecular Biology, University of Toronto, Ontario Cancer Institute |
| Petersen, Margie | Ph.D. | Southern New Mexico Cancer Support Service |
| Reiser, Betty | M.S.W. | SHARE: Self Help for Women with Breast or Ovarian Cancer |
| Reynolds, R. Kevin | M.D. | Department of Obstetrics and Gynecology, University of Michigan |
| Robins, Diane | Ph.D. | Department of Human Genetics, University of Michigan Medical School |
| Salm, Laraine | R.N. | A & A Staffing |
| Sanders, Michel | Ph.D. | Department of Biochemistry and Molecular Biology, University of Minnesota |
| Scroggins, Mary Jackson | M.A. | Nekima, Inc. |
| Shaw, Patricia | M.D. | Department of Laboratory Medicine and Pathobiology, University of Toronto |
| Smith, Allen | M.S. | Developmental Progress Inc. |
| Smith, Cassandra | Ph.D. | Center for Advanced Biotechnology, Boston University |

| Peer Reviewer | Degree | Institution/Affiliation |
|----------------------|---------------|--|
| Smith, Simon | Ph.D. | Markey Cancer Center, University of Kentucky |
| Solonche, Martha | M.A. | Consumer |
| Terranova, Paul | Ph.D. | Center for Reproductive Science, University of Kansas Medical Center |
| Tonin, Patricia | Ph.D. | Department of Medicine and Human Genetics, McGill University |
| Volner, Martha | M.S.W. | Ovarian Cancer National Alliance |
| Watson, Nola Hylton | Ph.D. | Department of Radiology, University of California, San Francisco |
| Whittemore, Alice | Ph.D. | Department of Health, Research and Policy, Stanford University School of Medicine |
| Yang-Feng, Teresa | Ph.D. | Department of Genetics and Obstetrics-Gynecology, Yale University School of Medicine |

**INTEGRATION
PANEL
MEMBERS**

FY98 Ovarian Cancer Research Program Integration Panel (IP) Members

| IP Member | Institution/Affiliation |
|-----------------------------|--|
| Judith Kaur, M.D. (Chair) | Medical Oncology Department, Mayo Clinic |
| Michael Birrer, M.D., Ph.D. | National Cancer Institute, National Institutes of Health |
| Holly Gallion, M.D. | Department of Obstetrics and Gynecology, University of Kentucky |
| Enrique Hernandez, M.D. | Division of Gynecologic Oncology, Medical College of Pennsylvania |
| William Hoskins, M.D. | Memorial Sloan-Kettering Cancer Center |
| Hedvig Hricak, M.D., Ph.D. | Department of Radiology, University of California |
| Elmer Huerta, M.D., M.P.H. | Cancer Risk Assessment and Screening Center, Washington Cancer Institute |
| Ann Kolker, J.D. | Ovarian Cancer National Alliance |
| Robert Kurman, M.D. | Division of Gynecologic Pathology, Johns Hopkins Hospital |
| Cindy Melancon, M.N., R.N. | Consumer |
| Christine Miaskowski, Ph.D. | Department of Physiological Nursing, University of California, San Francisco |
| Rodrique Mortel, M.D. | Pennsylvania State University Cancer Center |
| Geraldine Padilla, Ph.D. | Research, University of California, Los Angeles School of Nursing |
| Eddie Reed, M.D. | National Cancer Institute, National Institutes of Health |
| Harvey Risch, M.D., Ph.D. | Department of Epidemiology and Public Health, Yale University School of Medicine |
| Elwood Robinson, Ph.D. | North Carolina Central University |
| Michael Steller, M.D. | Women's Oncology, Women and Infant's Hospital |
| Robert Young, M.D. | Fox Chase Cancer Center |