



Department of Defense US Army Medical Research and Materiel Command

Fiscal Year 2002 Ovarian Cancer Research Program Awards List

Table of Contents

Introduction

Fiscal Year 2002 Ovarian Cancer Research Program Funded Awards

RESEARCH AWARDS

Idea Development Awards

TRAINING AWARDS

Institutional Training Grant

Fiscal Year 2002 Ovarian Cancer Research Program Participants

Peer Reviewers

Integration Panel Members

Ad Hoc Programmatic Reviewers

Glossary of Terms

INTRODUCTION

The US Army Medical Research and Materiel Command is pleased to present the award list of funded projects for the fiscal year 2002 (FY02) Ovarian Cancer Research Program. Award negotiations were completed on June 15, 2003. 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 in four program emphasis areas: Etiology, prevention, early detection/diagnosis, and/or preclinical therapeutics.

Congressional direction for FY02 specified \$10.2 million for ovarian cancer research. Following the receipt of funds, a programmatic strategy was developed, proposals were solicited and evaluated, awards were selected, and contract negotiations were completed. The FY02 programmatic strategy called for Ovarian Cancer Idea Development Awards and Institutional Training Grants. The intent of the Idea Development Award is to encourage innovative approaches to ovarian cancer research, and the Institutional Training Grant is intended to support postdoctoral training programs in ovarian cancer research. FY02 funds are supporting 16 Idea Development Awards and one Institutional Training Grant.

As the funded investigators embark on these projects, the Department of Defense and the US Army gratefully acknowledge the participation of their scientist, clinical, and consumer advisors. The expertise, vision, and diversity of perspectives of all individuals who contributed to this program were vital to developing a sound investment strategy on behalf of all persons affected by ovarian cancer. It is with great anticipation and excitement that we await the outcomes of this research.

Idea Development Awards

Log Number	Last Name	First Name	Institution	Proposal Title	Award Amount
OC020021	Zhang	Xiaoliu	Baylor College of Medicine	A Fusogenic Oncolytic Herpes Simplex Virus for Therapy of Advanced Ovarian Cancer	\$380,324
OC020037	Simpkins	Henry	Temple University School of Medicine	The Role of Dihydrodiol Dehydrogenase in the Development of Resistance to Platinum Drugs in Ovarian Cancer	\$138,192
OC020072	Howell	Stephen	University of California, San Diego	Field-Deployable Ultra-Sensitive Assay	\$553,015
OC020093	Naora	Honami	University of Texas M.D. Anderson Cancer Center	Histogenesis of Epithelial Ovarian Tumors: Role of HOX Genes that Define Tissue Identity in the Primordial Female Reproductive Tract	\$562,251
OC020099	Sgouros	George	Johns Hopkins University, East Baltimore Campus	Therapy of Ovarian Carcinoma by Targeted Delivery of Alpha-Particles using Immunoliposomes Capable of Retaining Alpha-Emitting Daughters	\$579,816
OC020113	Keyomarsi	Khandan	University of Texas M.D. Anderson Cancer Center	The Role of Cyclin E and Its Lower Molecular Forms in the Oncogenesis of Ovarian Cancer and Its Predictive Value in Patients with Early Stage Ovarian Tumors	\$434,706
OC020150	Sikic	Branimir	Stanford University	Mechanisms of Taxane Resistance in Ovarian Carcinomas	\$588,705
OC020173	Zou	Weiping	Tulane University	SDF-1, DC1/DC2, and Tumor Angiogenesis	\$556,875
OC020184	Yamada	Seiko	University of Chicago	The Role of MKK4 in the Metastatic Colonization of Ovarian Cancer	\$556,755
OC020187	Behringer	Richard	University of Texas M.D. Anderson Cancer Center	Molecular Cloning, Characterization, and Knockout of the Mouse CA125 Gene	\$562,500
OC020191	Mills	Gordon	University of Texas M.D. Anderson Cancer Center	Detection of Serum Lysophosphatidic Acids Using Affinity Binding and Surface Enhanced Laser Desorption/Ionization (SELDI) Time of Flight Mass Spectrometry	\$497,838
OC020196	Santin	Alessandro	University of Arkansas for Medical Sciences	Novel Target Peptides for Ovarian Cancer Immunotherapy	\$505,123
OC020220	Godwin	Andrew	Fox Chase Cancer Center	Developing Inhibitors of Ovarian Cancer Progression by Targeted Disruption of the Gamma-Synuclein Activated Migratory and Survival Signaling Pathways	\$550,384
OC020223	Turchi	John	Wright State University	Proteomic Analysis of Cisplatin-Resistant Ovarian Cancers	\$343,257
OC020242	Martignetti	John	Mount Sinai School of Medicine, New York	A Novel Epithelial Ovarian Cancer Tumor Suppressor Gene	\$577,815
OC020258	Thompson	Winston	Morehouse School of Medicine	The Role and Action of Prohibitin, an Antiproliferative Gene, in Ovarian Cancer	\$421,725
OC020259	Mulder	Kathleen	Pennsylvania State University, Milton S. Hershey Medical Center	Development of km23-Based Diagnostics and Therapeutics	\$561,375

Institutional Training Grant

Log Number	Last Name	First Name	Institution	Proposal Title	Award Amount
OC020137	Seiden	Michael	Massachusetts General Hospital	Ovarian Cancer Training Program at the Dana-Farber/Harvard Cancer Center	\$600,000

**Fiscal Year 2002 Ovarian Cancer Research Program
Peer Reviewers**

Peer Reviewers	Degree	Institution/Affiliation
Allworth, Ann	Ph.D.	Howard University
Bai, Wenlong	Ph.D.	University of South Florida
Baron, Andre	Ph.D.	Mayo Clinic Foundation
Batra, Surinder	Ph.D.	University of Nebraska
Beck, William	Ph.D.	University of Illinois at Chicago
Benbrook, Doris	Ph.D.	University of Oklahoma
Bieberich, Charles	Ph.D.	University of Maryland Baltimore County
Bigbee, William	Ph.D.	University of Pittsburgh
Blay, Jonathan	Ph.D.	Dalhousie University
Bouhassira, Eric	Ph.D.	Albert Einstein College of Medicine
Cannon, Martin	Ph.D.	University of Arkansas for Medical Sciences
Caperelli, Carol	Ph.D.	University of Cincinnati
Carter, JoAnn	Ed.D.	Ovarian Cancer National Alliance
Cheng, Jin	M.D., Ph.D.	University of South Florida
Crawford, Dana	Ph.D.	Albany Medical College
Curtin, John	M.D.	New York University
Dahiya, Rajvir	Ph.D.	University of California at San Francisco and VAMC
DiCioccio, Richard	Ph.D.	Roswell Park
Disis, Mary	M.D.	Fred Hutchinson Cancer Research Center
Dubeau, Louis	M.D., Ph.D.	University of Southern California
Edwards, Christopher	Ph.D.	Duke University
Elit, Laurie	M.D.	Hamilton Regional Cancer Centre
Figg, William	Pharm.D	National Cancer Institute/National Institutes of Health
Frey, Alan	Ph.D.	Princeton University
Godwin, Andrew	Ph.D.	Fox Chase Cancer Center
Golden, Catherine	Ph.D.	Ovarian Cancer National Alliance
Gulati, Jag	Ph.D.	Executive Secretary
Haber, Roberta	Ph.D.	Executive Secretary
Hallman, D. Michael	Ph.D.	University of Texas

Peer Reviewers	Degree	Institution/Affiliation
Hickey, Robert	Ph.D.	Indiana University
Horowitz, Jonathan	Ph.D.	North Carolina State University
Huber, Mary		National Ovarian Cancer Coalition
John, Gilbert	Ph.D.	Oklahoma State University
Johnson, Steven	Ph.D.	University of Pennsylvania
Kane, Madeleine	M.D., Ph.D.	University of Colorado
Klostergaard, Jim	Ph.D.	University of Texas M.D. Anderson Cancer Center
Knutson, Keith	Ph.D.	University of Washington
Kravit, Robyn		Tethys Research LLC
Le, Tien	M.D.	Ottawa General Hospital
Listinsky, Catherine	M.D.	University of Alabama at Birmingham
Lum, Clark	Ph.D.	Executive Secretary
MacNee, Marjorie	M.A.	Sandy Rollman Ovarian Cancer Foundation
Miaux, Yves	M.D.	Synarc
Molina, Carlos	Ph.D.	University of Medicine and Dentistry of New Jersey
Mor, Gil	M.D., Ph.D.	Yale University
Mukhtar, Hasan	Ph.D.	University of Wisconsin
Nelson, James Arly	Ph.D.	University of Texas M.D. Anderson Cancer Center
Ochieng, Josiah	Ph.D.	Meharry Medical College
Olson, Janet	Ph.D.	Mayo Foundation & Clinic
Pardo, Francisco	M.D.	University of California-San Diego
Patrick, Sean		Ovarian Cancer National Alliance
Reddy, Bandaru	D.V.M., Ph.D.	American Health Foundation
Richard, Nyrvah		SHARE: Self Help for Women w/Breast or Ovarian Cancer
Rosen, Eliot	M.D., Ph.D.	Long Island Jewish Medical Center
Savage, Gale	M.D., M.P.H.	Executive Secretary
Schmitt, Mark	Ph.D.	State University of New York, Upstate Medical University
Schwanke, Jane		Minnesota Ovarian Cancer Alliance, Inc.
Shabb, John	Ph.D.	University of North Dakota

Peer Reviewers	Degree	Institution/Affiliation
Siegal, Gene	M.D., Ph.D.	University of Alabama at Birmingham
Somplatsky-Jarman, Carol		Ovarian Cancer National Alliance
Soprano, Kenneth	Ph.D.	Temple University
Stack, Mary Sharon	Ph.D.	Northwestern University
Syed, Viqar	Ph.D.	University of Massachusetts
Taylor, Christopher	Ph.D.	Georgetown University
Vigoreaux, Jim	Ph.D.	University of Vermont
Weiss, Geoffrey	M.D.	University of Texas
Whiteside, Theresa	Ph.D.	University of Pittsburgh
Wu, T.C.	M.D., Ph.D.	Johns Hopkins University
Xu, Xiangxi (Michael)	Ph.D.	Fox Chase Cancer Center
Xu, Yan	Ph.D.	Cleveland Clinic Foundation

**Fiscal Year 2002 Ovarian Cancer Research Program
Integration Panel (IP) Members**

IP Members	Degree	Institution/Affiliation
Karlan, Beth (Chair)	M.D.	Cedars-Sinai Medical Center
Alvarez, Ronald	M.D.	University of Alabama at Birmingham
Bell, Debra	M.D.	Massachusetts General Hospital
Boyd, Jeffrey	Ph.D.	Memorial Sloan-Kettering Cancer Center
Daly, Mary	M.D., Ph.D.	Fox Chase Cancer Center
Gershenson, David (Chair-Elect)	M.D.	University of Texas M.D. Anderson Cancer Center
Hamilton, Thomas	Ph.D.	Fox Chase Cancer Center
Hoskins, William (Chair-Emeritus)	M.D.	Cancer Institute at Memorial Health University Medical Center
Hricak, Hedvig	M.D., Ph.D.	Memorial Sloan-Kettering Cancer Center
Kolker, Ann	J.D.	Ovarian Cancer National Alliance
Markman, Maurie	M.D.	The Cleveland Clinic Foundation
Padilla, Geraldine	Ph.D.	University of California-San Francisco
Robinson, Elwood	Ph.D.	North Carolina Central University
Rubin, Stephen	M.D.	University of Pennsylvania
Scroggins, Mary	M.A.	Ovarian Cancer National Alliance

**Fiscal Year 2002 Ovarian Cancer Research Program
Ad Hoc Programmatic Reviewers**

Ad Hoc Reviewers	Degree	Institution/Affiliation
Goldman, Patricia		Ovarian Cancer National Alliance
Kohn, Elise	M.D.	National Cancer Institute

Glossary of Terms

Idea Development Award: As stated in the fiscal year 2002 (FY02) Ovarian Cancer Research Program (OCRP) Program Announcement, the intent of the Idea Development Award is to encourage innovative approaches to ovarian cancer research. Idea Development Awards must address at least one of the program emphasis areas (i.e., etiology, prevention, early detection/diagnosis, and/or preclinical therapeutics). Investigators from all academic levels were eligible to submit proposals; however, preliminary data relevant to ovarian cancer research and the proposed project was required. Evidence of institutional support and commitment to foster the applicant's research career, such as the provision of access to adequate laboratory facilities and equipment was necessary.

Institutional Training Grant (ITG): As stated in the FY02 OCRP Program Announcement, the intent of the ITG is to support postdoctoral training programs in ovarian cancer research. These grants emphasize the training of postdoctoral trainees who have an underlying interest in ovarian cancer research. Eligible postdoctoral trainees should have been in the laboratory in which this research is to be performed no more than 2 years at the time of submission and may have up to 5 years of postdoctoral experience (exclusive of clinical residency or fellowship training). ITGs must address one or more program emphasis area (i.e., etiology, prevention, early detection/diagnosis, and preclinical therapeutics). ITG proposals also must address the following key aspects of the proposed postdoctoral training program: (1) The program vision and goals, (2) the program faculty, (3) the training program and trainees, and (4) the proposed research areas.