

CURRICULUM VITAE

December 14, 2016

Lauren A. Schnaper, M.D.

Director, Sandra and Malcolm Berman
Comprehensive Breast Care Center
Department of Surgery
Greater Baltimore Medical Center
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Baltimore, Maryland 21204

TELEPHONE: (443) 849-2600 - Work

EDUCATION:

09/78 - 05/81	M.D., University of Maryland School of Medicine
09/66 - 05/71	B.A., University of Maryland

POST GRADUATE TRAINING:

07/85 - 06/86	Chief Resident Division of General Surgery University of Maryland Medical System Baltimore, Maryland
07/81 - 06/85	Resident Division of General Surgery University of Maryland Medical System Baltimore, Maryland
12/82	Completion of Advanced Trauma Life Support Course Given by the Maryland Institute for Emergency Medical Services Systems Baltimore, Maryland

CERTIFICATION:

Diplomate, American Board of Surgery
September, 1988
October, 1997

Fellow, American College of Surgeons
October, 1991

LICENSURE: State of Maryland

MAJOR RESEARCH INTERESTS:

Breast cancer in women over 70 – the role of radiation
Circulating proteins in breast cancer – caPCNA as a biomarker

FACULTY POSITIONS:

1996 - Present	Clinical Associate Professor of Surgery University of Maryland School of Medicine
07/88 - 1996	Assistant Professor of Surgery University of Maryland School of Medicine
07/88 - 1996	Assistant Professor of Oncology University of Maryland School of Medicine
09/86 - 06/88	Instructor University of Maryland School of Medicine

MAJOR ACADEMIC TASKS:

1992 - 1996	Director, Breast Evaluation Program University of Maryland Cancer Center
07/88 - 1996	Director, Student Education Department of Surgery University of Maryland School of Medicine
1986 - 1992	Surgical Director, Breast Evaluation Program University of Maryland Cancer Center
1986 - 1991	Co-Director, Surgical Intensive Care Unit University of Maryland Medical System
07/86 - 06/88	Co-Director, Student Education Department of Surgery University of Maryland School of Medicine

PROFESSIONAL MEMBERSHIPS:

National:

1997 - Present	American Society of Clinical Oncology
1996 - Present	Member, National Action Plan on Breast Cancer
1995 - Present	International Women's Forum
1993 - Present	Association of Women Surgeons
1992 - Present	Member, Association of Academic Surgeons
1991 - Present	Fellow, American College of Surgeons
1989 - Present	Member, Association for Surgical Education
1988 - Present	Member, Southeastern Surgical Congress

Local:

1994 - 2000	Member, Professional Advisory Board, The Wellness Community
1993 - 1994	Council Member, Maryland Chapter American College of Surgeons
1993 - 1994	Member, American Cancer Society Maryland Division Professional Education Committee
1992 - 1994	Member-at-Large, Baltimore Academy of Surgery Council
1990 - 2004	Member, Baltimore Academy of Surgery

HONORS & AWARDS:

March 2010	2010 Maryland's Top 100 Women The Daily Record
November 1995- present	Baltimore Magazine Baltimore's Top Docs
June 1995	Baltimore Magazine Cover
April 13, 2008	Mildred Mindell Cancer Foundation Gala Honoree
November 2004	Baltimore Magazine Baltimore's Top Docs for Women
December 2003	Who's Who in American Education, 6th Edition
May 4, 2003	Hadassah of Greater Baltimore Women of Distinction Award
February 2003	Guide to America's Top Physicians Consumers' Research Council of America 2003 Edition
October 2001	Redbook Medbook The Breast Cancer Specialists Rated Best By Their Peers, An Exclusive List
September 2001 September 2000	Who's Who in America, 56 th Edition Who's Who in America, 55 th Edition
April 30, 2001	Distinguished Women's Award 2001 Girl Scouts of Central Maryland
December 1999	Pikesville High School Distinguished Alumni Award
March 1999	Good Housekeeping Magazine The 318 Top Cancer Specialists for Women
1998	Who's Who in Medicine and Healthcare

April 5, 1997	Soiree de Paris GBMC Gala 1997 Honoree
May 1996	Faculty Marshall, Precommencement Ceremony Class of 1996 University of Maryland School of Medicine
May 1996	Student Council Teaching Award Class of 1996 University of Maryland School of Medicine
April 1996	Baltimore Chapter of Hadassah Honoree Award in Recognition of Contribution to Help Fight Breast Cancer
April 1996	UMBC Alumni Association 1996 Distinguished Alumna of the Year
March 1996	American Health Magazine The Best Doctors in America
February 1996	The Arlene Rosenbloom Wyman Guild, Inc. 1996 Humanitarian of the Year
February 1994	Mildred Mindell Cancer Foundation Crystal Ball Honoree
May 1993	Faculty Marshall, Precommencement Ceremony Class of 1993 University of Maryland School of Medicine
May 1992	Faculty Marshall, Precommencement Ceremony Class of 1992 University of Maryland School of Medicine
May 1992	Student Council Teaching Award Class of 1993 University of Maryland School of Medicine
1991	Rush Medical Society, Honorary Induction University of Maryland School of Medicine
1991	Alpha Omega Alpha National Honor Society Honorary Induction University of Maryland School of Medicine
May 1991	Student Council Teaching Award Class of 1992 University of Maryland School of Medicine

April 1984 Surgical Resident's Research Award
Third Prize
Presented by the Baltimore Academy of Surgery
"Creatinine Clearance and Intra-Abdominal Sepsis"

May 1981 The Hans R. Wilhelmsen Prize for Academic
Achievement in Surgery
University of Maryland School of Medicine

EDITORSHIPS:

Low SC, Dixon AR, Bell J, Ellis IO, Elston CW, Robertson JFR and Blamey RW: "Tumour oestrogen receptor content allows selection of elderly patients with breast cancer for conservative tamoxifen treatment. British Journal of Surgery, 79:1314-1316, 1992. In Breast Diseases: A Year Book Quarterly, Volume 4, Number 4, 1993.

Karam AK, Hsu M, Patil S et al: "Determinants of outcome in elderly patients with positive sentinel lymph nodes. Am J Surg, 201:734-740, 2011. In Breast Diseases: A Year Book Quarterly, Volume 23, Number 1, 2012.

REVIEWER (AD HOC):

Academic Medicine, Journal of the Association of American Medical Colleges
New England Journal of Medicine

CONSULTANT ACTIVITY:

November 1993 National Cancer Institute Cooperative Breast
Cancer Research Group Strategy Meeting on
Use of Biomarkers in Breast Cancer

May 1994 National Cancer Institute Advisory Committee
on Use of Breast Magnetic Resonance Imaging

June 1994 National Cancer Institute Special Review Committee
on Breast Cancer Surgery and the Menstrual Cycle

October 1995 Ad Hoc Member, Institutional Review Board for Protocol
"Investigation of BRCA-1 Gene Mutations in Patients
with Breast Cancer and Testing for These Mutations
in At Risk Relatives"
OncorMed, Inc., Gaithersburg, Maryland

COMMUNITY ACTIVITIES:

October 4, 2009	“Early Detection, Symptoms, Awareness, and What to Do” “New Trends and Treatments for Women and Men” CBS Radio October Sundays Series
2005 – 2009	Chairman, Board of Trustees Montessori Society of Central Maryland
September 20, 2004	Speaker, HopeWell Breast Cancer Support Group Baltimore, Maryland
1999 - 2005	Member, Board of Directors Montessori Society of Central Maryland
October 9, 1995	Breast Cancer Awareness Month Mark Steiner (Call-In) Radio Talk Show
March 1995	Member, Hadassah's Honorary Committee for Breast Cancer Education and Awareness in the Baltimore County Schools
October 10, 1994	Women's Health Issues: Mammography for Women" Baltimore Chapter of Hadassah, Beth El Synagogue Baltimore, Maryland
September 28, 1994	"Women's Health Issues: What's New In Breast Disease" Blue Cross & Blue Shield of Maryland Owings Mills, Maryland
October 20, 1993	"Breast Cancer Treatment: Today's Choices" The Maryland Community Breast Symposium Columbia Inn, Columbia
October 16, 1993	Breast Cancer Awareness Week Nordstrom, Towson Town Center
December 14, 1992	"Advances in the Treatment of Breast Cancer" The Dorothy Friedman Caplan Guild, Inc. Harvey's Restaurant, Greenspring Station
July 19, 1990	"Breast Carcinoma" WBAL News at Noon
October 22, 1989	"Detection and Management of Breast Disease" WPOC Country/Western Radio News Show
October 10, 1989	"Detection and Management of Breast Disease" WBGR Gospel (Call-In) Radio Talk Show Wellness Alert

CAMPUS ACTIVITIES:

Greater Baltimore Medical Center:

2003 - Present At-Large Member, Operating Room Executive Committee
Greater Baltimore Medical Center

School of Medicine:

1995 - 1996 Member, School of Medicine Executive Committee
University of Maryland School of Medicine

1994 - 1996 Chairman, Medical School Advancement Committee
University of Maryland School of Medicine

1992 - 1994 Co-Chair, Medical School Advancement Committee
University of Maryland School of Medicine

1988 - 1996 Member, Clinical Years Curriculum Subcommittee
University of Maryland School of Medicine

1988 - 1996 Member, Curriculum Coordinating Committee
University of Maryland School of Medicine

1988 - 1992 Member, Medical School Advancement Committee
University of Maryland School of Medicine

1992 - 1994 Graduate Medical Education Committee Ad Hoc Site Team
University of Maryland School of Medicine

University of Maryland Medical System:

1989 - 1992 Member, Professional Assistance Committee
University of Maryland Medical System

1989 - 1990 Member, Chancellor's Task Force on Substance Abuse
University of Maryland Medical System

1986 - 1990 Member, General Surgery Triumvirate
(Joint Surgical Nursing Committee)
University of Maryland Medical System

1986 - 1990 Member, Intensive Care Unit Council
University of Maryland Medical System

1986 - 1990 Member, Patient Care Monitoring Committee
for Quality Assurance
University of Maryland Medical System

1986 - 1990
Member, Patient Care Policy Committee
University of Maryland Medical System

1986 - 1989
Member, Trauma Care Committee
University of Maryland Medical System

TEACHING ACTIVITIES:

Department of Surgery:

1988 - 1996
Preceptor, Small Group Teaching
Junior Student Clerkship
Department of Surgery
University of Maryland Medical System

1988 - 2000
"Benign Diseases of the Breast"
"Malignant Diseases of the Breast "
Junior Student Lecture Series
Department of Surgery, Division of General Surgery
University of Maryland Medical System
and School of Medicine

1988 - 1995
"Hernias: Types and Repairs"
Junior Student Lecture Series
Department of Surgery, Division of General Surgery
University of Maryland Medical System
and School of Medicine

07/86 - 1992
Coordinator, Journal Club
Department of Surgery
University of Maryland Medical System

Other Departments:

1998 - Present
"Evaluation of Breast Masses"
Internal Medicine Residency Program
Department of Medicine
Greater Baltimore Medical Center

Thesis Committee
Derek Hoelz, Candidate for Ph.D.
Department of Pharmacology and
Experimental Therapeutics
"Regulatory Interactions of P21 and PCNA in
Human Breast Cancer"
Doctorate Conferred May 2002

Thesis Committee
Carla Lankford, M.D., Candidate for Ph.D.
Department of Pharmacology and
Experimental Therapeutics
"The Role of DNA Synthesome Associated DNA
Mismatch Repair Proteins in the Development
of Human Breast and Ovarian Cancers"
Doctorate Conferred May 2001

Thesis Committee
Pamela E. Bechtel, Candidate for Ph.D.
Department of Pharmacology and
Experimental Therapeutics
"The Identification of Structural Alterations
of DNA Synthesome Components in Breast
Cancer Cells"
Doctorate Conferred May 1998

Thesis Committee
Jennifer Sekowski, Candidate for Ph.D.
Department of Pharmacology and
Experimental Therapeutics
"Human Cancer Cells Contain an Error-Prone
DNA Replication Apparatus"
Doctorate Conferred May 1998

Thesis Committee
Jennifer M. Coll, Candidate for Ph.D.
Department of Pharmacology and
Experimental Therapeutics
"The DNA Synthesome: A Model for Studying
Breast Cancer Cell DNA Replication and the
Mechanisms of Action of Anti-Breast Cancer Agents"
Doctorate Conferred

1994 - 1996

Freshman Anatomy Course

1993 - 1996

"Benign Breast Disease & Breast Cancer:
Medical & Surgical Management"
Obstetrics & Gynecologic Resident Teaching Seminar
Department of Obstetrics & Gynecology
University of Maryland Medical System

1988 - 1996

"Controversies in Mammography"
Obstetrics & Gynecologic Resident Teaching Seminar
on Malignant Breast Disease
Department of Obstetrics & Gynecology
University of Maryland Medical System

1988 - 1996 "Techniques of Needle Aspiration"
Obstetrics & Gynecologic Resident Teaching Seminar
on Benign Breast Disease
Department of Obstetrics & Gynecology
University of Maryland Medical System

1992 - 1996 Preceptor for Medicine Residents
Women's Health Elective
Department of Medicine
University of Maryland School of Medicine

1988 - 1994 "The Acute Abdomen"
Sophomore Pathology Lecture Series
University of Maryland Medical System
and School of Medicine

1993 - 1994 "Psychosocial Aspects of Breast Surgery"
Intimate Human Behavior Course
Department of Psychiatry
University of Maryland Medical System

1990 Correlative Anatomy Lecture
Freshman Anatomy Lecture Series
University of Maryland School of Medicine

RESEARCH INTERESTS:

2011- present President and Founder, RLL, LLC
(Biotechnology Corporation)

2005-2011 Chief Medical Officer, csKeys, LLC
(Biotechnology Corporation)

1993 - 2001 National Co-Principal Investigator
Breast Cancer Treatment in the Geriatric Population
Cancer & Leukemia Group B Protocol 9343

1994 - 1997 Member, Steering Committee
Linkage of Molecular & Epidemiological Breast Cancer
Investigations with Treatment Data: A Specialized Registry
Cancer & Leukemia Group B

1995 - 2001 Member, Data Safety & Monitoring Board
National Surgical Adjuvant Breast Protocol (NSABP)

1992 - 1997 National Chairman, Breast Executive Committee Surgical Modality
Cancer and Leukemia Group B

1994 - 2002 Member, Data Safety & Monitoring Board
Cancer & Leukemia Group B

PATENTS:

Method for Purifying Cancer-Specific Proliferating
Cell Nuclear Antigen
Issue Date 05/25/10; #7723487

GRANTS:

06/99 - 05/04 Co-Investigator
Development and Evaluation of a Novel Cancer Biomarker
NIH #R01-CA83199-01, \$1,786,040
Linda Malkas, Ph.D., Principal Investigator

06/96 Co-Investigator
Shannon Award for Breast Cancer Studies
Two Year Director's Award
Linda Malkas, Ph.D., Principal Investigator

09/95 - 09/97 Co-Investigator
Molecular Alterations that Promote Breast Cell Malignancy
NIH #CA65754, \$100,000
Linda Malkas, Ph.D., Principal Investigator

09/93 - 06/96 Co-Investigator
RDOG(5): Stereotactic Fine Needle Aspiration and
Core Needle Biopsy in the Work-Up of Lesions
Detected by Mammography
NCI# 7-U01 CA62514-02, \$20,000/Year
Wendie Berg, M.D., Ph.D., Principal Investigator

 Co-Investigator
A Phase III Multi-Center Trial of Tc-99m MAb-170
in Patients with Recurrent Breast Cancer
ADM-BR-04, Biomira, Inc.
Lawrence Holder, M.D., Principal Investigator

07/93 - 06/96 Co-Coordinator
Cancer and Leukemia Group B Surgery Committee Grant
University of Maryland CALGB Participant
NIH #1U10CA59594-01, \$29,000/Year

1989 - 1990 Pangborn Foundation Grant
Optimization of the Enzyme-Immunochemical
Analysis of Progesterone and Estrogen
Receptors in Human Breast Cancer, \$5000

INVENTIONS:

Malkas LH, Hickey RJ, Bechtel PE, Hoelz DJ, Park MS, Tomic D, Schnaper LA: Method for Purifying Cancer Specific Proliferating Nuclear Antigen. U.S. Patent Application, 10/083, 576, submitted February 27, 2002.

PUBLICATIONS:

Book Chapter:

1. Dickersin K and Schnaper LA: Reinventing medical research. Chapter in "Man Made Medicine: Women's Health, Public Policy and Reform." Edited by Kary L. Moss, Duke University Press, Durham and London, 1996.
2. Malkas LH, Bechtel PE, Sekowski JW, Schnaper LA, Langford CR-V, Hoelz DJ, Liu Y and Hickey RJ: Mining the cancer cell's DNA replication apparatus for novel malignancy biomarkers. Chapter in "Tumor Markers: Physiology, Pathobiology, Technology, and Clinical Applications." Edited by Eleftherios P. Diamandis, Herbert A. Fritsche, Hans Lilja, Daniel W. Chan and Morton K. Schwartz, American Association for Clinical Chemistry, Inc. (AACCC Press), Washington, DC, 2002.

Journal Articles (Refereed):

1. Jones RT, Kreisberg JI, Schnaper LA and Trump BF: Formation of lysosomes in rat exocrine pancreas following shock or glucagon treatment. Federation Proceedings, 36:652, 1976.
2. Schnaper N, Schnaper HW and Schnaper LA: Euthanasia: is there an answer? Maryland State Medical Journal, 25(11):66-68, 1976.
3. Jones RT, Schnaper LA and Trump BF: Mechanism of shock induced autophagic vacuoles in rat pancreas. Laboratory Investigation, 36:357, 1977.
4. Schnaper LA, Schnaper N, Fierce AR and Schnaper HW: Euthanasia: an overview. Maryland State Medical Journal, 26(3):42-48, 1977.
5. Reggiardo Z, Vazques E and Schnaper LA: ELISA tests for antibodies against mycobacterial glycolipids. Journal of Immunological Methods, 34:55, 1980.
6. Richards WO, Schnaper LA and Shin B: Creatinine clearance and intra-abdominal infection. Current Surgery, 42:111, 1985.
7. Didolkar MS, Reed WP, Elias EG, Schnaper LA, Brown SD and Chaudhary SM: A prospective randomized study of suture vs. stapled bowel anastomosis in patients with cancer. Cancer, 57:3, 1986.
8. Shao Z-M, Sheikh MS, Ordonez JV, Feng P, Kute T, Chen J-C, Aisner S, Schnaper LA, LeRoith D, Roberts CT and Fontana J: IGFBP-3 gene expression and estrogen receptor status in human breast carcinoma. Cancer Research, 52:1-4, 1992.
9. Seidman JD, Schnaper LA and Phillips LE: Mastopathy in insulin-requiring diabetes mellitus. Human Pathology, 25(8):819-824, 1994.
10. Shao Z-M, Sheikh MS, Chen J-C, Kute T, Aisner S, Schnaper LA and Fontana JA: Expression of the retinoic acid nuclear receptors (RARs) and retinoid X receptor (RXR) genes in estrogen receptor positive and negative breast cancer. International Journal of Oncology, 4:859-863, 1994.
11. Seidman JD, Schnaper LA and Aisner SC: Relationship of the size of the invasive component of the primary breast carcinoma to axillary lymph node metastasis. Cancer, 75(1):65-71, 1995.
12. Li XS, Shao ZM, Sheikh MS, Eisman JL, Sentz D, Jetten AM, Chen JC, Dawson MI, Aisner S, Rishi AK, Gutierrez P, Schnaper LA and Fontana JA: Retinoic acid nuclear receptor β inhibits breast carcinoma anchorage independent growth. Journal of Cellular Physiology (in press).

13. Coll JM, Week J, Hickey R, Schnaper LA, Yue W, Brodie AMH, Uitto L, Syvaoja J and Malkas LH: The human breast cell DNA synthesome: its purification from tumor tissue and cell culture. Oncology Research, 8(10/11), 435-447, 1996.
14. Inouye P, Schnaper LA, Buyske J, Shank BM, Shapiro CL, Berry DA, Wilder KLM and Hughes KS: Carcinoma of the breast in the geriatric population. Surgical Rounds, 1:16-20, 1997.
15. Coll JM, Hickey RJ, Cronkey EA, Jiang HY, Schnaper LA, Lee M, Uitto L, Syvaoja JE and Malkas LH: Mapping specific protein-protein interactions within the core component of the breast cell DNA synthesome. Oncology Research, 9:629-639, 1997.
16. Bechtel PE, Hickey RJ, Schnaper LA, Sekowski JW, Long BJ, Freund R, Liu N, Rodriguez-Valenzuela C and Malkas LH: A unique form of proliferating cell nuclear antigen is present in malignant breast cells. Cancer Research, 58:3264-3269, 1998.
17. Sekowski JG, Malkas LH, Schnaper LA, Bechtel P, Long BJ and Hickey RJ: Human breast cancer cells contain an error-prone DNA replication apparatus. Cancer Research, 58:3259-3263, 1998.
18. Malkas LH, Bechtel PE, Sekowski JW, Schnaper LA, Langford CR-V, Hoelz DJ, Tomic D and Hickey RJ: A cancer specific form of proliferating cell nuclear antigen (csPCNA) is present in malignant human breast cells and tissues. J. Ligand Chemistry, 2002 (in press).
19. Schnaper LA and Hughes KS: Special considerations when treating breast cancer in the elderly. Breast Disease, An International Journal, 12:83-93, 2001.
20. Hughes KS, Schnaper LA, Berry D, Cirincione C, McCormick B, Shank B, Wheeler J, Champion LA, Smith TJ, Smith BL, Shapiro C, Muss HB, Winer E, Hudis C, Wood W, Sugarbaker D, Henderson IC, and Norton L: Lumpectomy plus tamoxifen with or without irradiation in women 70 years of age or older with early breast cancer. New England Journal of Medicine, 351:9-15, 2004.
21. Howard-McNatt M, Hughes KS, Schnaper LA, Jones JL, Gadd MA, Smith BL: Breast cancer treatment in older women. Surgical Oncology Clinics of North America, 14(1):85-102, 2005.
22. Schnaper LA, Hughes KS, for the Cancer and Leukemia Group B, Radiation Therapy Oncology Group, and Eastern Cooperative Oncology Group: Can radiation be omitted following breast-conserving surgery in women older than 70 years with early-stage breast cancer? The American Journal of Oncology Review, 4(2):73-76, 2005.
23. Hoelz DJ, Arnold RJ, Dobrolecki LE, Abdel-Azez W, Loehrer AP, Novotny MV, Schnaper LA, Hickey RJ, Malkas LH: The discovery of labile methyl esters on proliferating cell nuclear antigen by tandem mass spectrometry. Accepted for publication in Proteomics May 2006.
24. Chung, TL, Schnaper L, Silverman, RP, Holton, LH, Slezak S: A novel reconstructive technique following central lumpectomy. Plastic and Reconstructive Surgery, 118(1):23-27, 2006.
25. Malkas LH, Hoelz DJ, Abdel-Aziz W, Shea-Herbert B, Schnaper L, Hickey RJ: A functional proteomic approach for biomarker discovery. Submitted for publication to Drug Discovery and Development, July 2006.

26. Malkas LH, Herbert BS, Abdel-Aziz W, Dobrolecki LE, Liu Y, Agarwal B, Hoelz D, Badve S, Schnaper L, Arnold RJ, Mechref Y, Novotny MV, Loehrer P, Goulet RJ, Hickey RJ: A cancer-associated PCNA expressed in breast cancer has implications as a potential biomarker. Proceedings of the National Academy of Sciences of the United States of America, 103(51):19472-19477, December 2006.
27. Schnaper LA, Hughes KS: "The use of radiation in the elderly." Breast Cancer Online, e00:1-3, 2007.
28. Kyselova Z, Mechref Y, Kang P, Goetz JA, Dobrolecki LE, Sledge GW, Schnaper L, Hickey RJ, Malkas LH and Novotny MV: Breast cancer diagnosis and prognosis through quantitative measurements of serum glycan profiles. Clinical Chemistry, 54(7):1-10, 2008.
29. Hammad LA, Wu G, Saleh MM, Klouckova I, Dobrolecki LE, Hickey RJ, Schnaper L, Novotny MV and Mechref Y: Elevated levels of hydroxylated phosphocholine lipids in the blood serum of breast cancer patients. Rapid Communications in Mass Spectrometry, February 2009 (in press).
30. Hughes KS, Schnaper LA, Bellon JR; Cirrincione CT, Berry DA, McCormick B, Muss HB, Smith BL, Hudis CA, Winer EP and Wood WC: Lumpectomy plus tamoxifen with or without irradiation in women age 70 years or older with early breast cancer: Long-term follow-up of CALGB 9343. Journal of Clinical Oncology, 31(19):2382-2387, 2013.
31. Hughes KS, Schnaper LA, Bellon JR; Cirrincione CT, Berry DA, McCormick B, Muss HB, Smith BL, Hudis CA, Winer EP and Wood WC: Reply to PG Tsoutsou et al, O Kaidar-Person et al and A Courdi et al. Lumpectomy plus tamoxifen with or without irradiation in women age 70 years or older with early breast cancer: Long-term follow-up of CALGB 9343. Journal of Clinical Oncology, 31(36):4571-4573, 2013.

Book Reviews:

1. O'Grady LF, Lindfors KK, Howell LP and Reppon M: A practical approach to breast disease. Little, Brown and Company, Boston, Massachusetts, 1994. In Annals of Surgery, Vol 222, No. 6:753-756, 1995.

Abstracts:

1. Abrams J, Parnes H, Pearl P, Tait N, Minford J, Duggan D, Schnaper LA, Allen SL and Aisner J: Phase I dose escalation trial of cytoxan (C), adriamycin (A), leucovorin (L) and fluorouracil (F) plus granulocyte-macrophage colony stimulating factor (GM-CSF). Abstract submitted to ASCO Annual Meeting, May 19-21, 1991.
2. Pearl P, Tkaczuk K, Parnes H, Aisner J, Schnaper L and Abrams J: Phase II trial of vinblastine, methotrexate and thiotepa (VMT) in metastatic breast cancer (MRC). Abstract submitted to ASCO Annual Meeting, May 16-18, 1993.
3. Zhi-Ming S, Sheikh MS, Chin JC, Kute TE, Aisner S, Schnaper L and Fontana J: Retinoic acid nuclear receptors in retinoid x--receptors gene expression in estrogen positive and negative cells. Abstract submitted to American Association of Cancer Research, 1993.
4. Croisetiére LC, Bechtel PE, Sekowski JW, Schnaper LA, Hickey RJ and Malkas LJ: A variety of human cancers exhibit an altered form of PCNA. Abstract submitted to American Association of Cancer Research, New Orleans, Louisiana, March 1998.

5. Bechtel PE, Hickey RJ, Croisetierre LN, Schnaper LA and Malkas LH: Characterization of the unique form of PCNA in malignant breast cells. Breast Cancer Research and Treatment, 50(3):310, 1998.
6. Malkas LH, Bechtel PE, Sekowski JW, Schnaper LA, Croisetiere LC and Hickey RJ: Structure/Function analysis of the mutagenic DNA replication apparatus of breast cancer cells. Breast Cancer Research and Treatment, 50(3):310, 1998.
7. Sekowski JW, Hoelz DJ, Malkas LH, Lu A-L, Schnaper LA and Hickey RJ: DNA mismatch repair proteins are integral components of the DNA replication machinery of breast cancer cells. Breast Cancer Research and Treatment, 50(3):310, 1998.
8. Tomic D, Hoelz DJ, Wills P, Hickey RJ, Schnaper LA, Lankford C and Malkas LH: Detection of the cancer specific form of PCNA by ELISA assay. Proceedings of the 92nd Annual Meeting of the American Association of Cancer Research, Abstract 2507, 2001.
9. Tomic D, Hoelz DJ, Wills P, Bechtel PE, Hickey RJ, Schnaper LA, Lankford C and Malkas LH: Development of ELISA assay for detection of cancer specific form of PCNA. First Annual Women's Health Research Symposium, Abstract 21, 2001.
10. Lankford C, Hickey RJ, Tomic D, Schnaper LA, Wills P, and Malkas LH: Proteomic analysis of the human breast and ovarian DNA synthesome associated mismatch repair proteins. Proceedings of the 92nd Annual Meeting of the American Association of Cancer Research, Abstract 4797, 2001.
11. Lankford C, Hickey RJ, Wills P, Selary LK, Schnaper LA, Tomic D and Malkas LH: Breast and ovarian DNA synthesome associated mismatch repair proteins: a proteomic analysis. First Annual Women's Health Research Symposium, Abstract 20, 2001.
12. Hughes KS, Schnaper LA, Berry D, Cirrincione C, McCormick B, Shank B, Lu J, Smith T, Smith B, Shapiro C, Wood W, Henderson C and Norton L: Comparison of lumpectomy plus tamoxifen with and without radiotherapy (RT) in women 70 years of age or older who have clinical stage I, estrogen receptor positive (ER+) breast carcinoma. Proceedings of the American Society of Clinical Oncology 37th Annual Meeting, San Francisco, California, May 12-15, 2001, 20(93):24a, 2001.
13. Tomic D, Liu Y, Hickey RJ, Hoelz DJ, Bechtel PE, Schnaper LA, and Malkas LH: Cancer specific proliferating cell nuclear antigen as the novel diagnostic marker for the detection of breast cancer. Proceedings of the 93rd Annual Meeting of the American Association of Cancer Research, Abstract 5154, 2002.
14. Liu Y, Tomic D, Hoelz DJ, Liu J, Yang J, Schnaper LA, Hickey RJ, and Malkas LH: Development of an enzyme-linked immunosorbant assay (ELISA) in detecting a potential cancer diagnostic marker: a proliferating cell nuclear antigen (PCNA) isoform unique to cancer cells. Sixth Annual Buffalo DNA Replication Symposium, Buffalo, New York, June 2002.
15. Liu Y, Tomic D, Schnaper LA, Hickey RJ, and Malkas LH: Diagnostic and therapeutic potentials for the interaction of a xeroderma pigmentosum G related peptide and an isoform of proliferating cell nuclear antigen in breast cancer cells. Breast Cancer Research and Treatment, 76(1):210, 2002.
16. Hoelz DJ, Kowalak J, Maynard D, Markey S, Hickey RJ, Schnaper L, Malkas LH: Signaling in breast cancer: stopping DNA replication and facilitating DNA repair. Breast Cancer Research and Treatment, 76(1):559, 2002.
17. Hughes KS, Schnaper LA, Berry D, Hodgson L, Cirrincione C, McCormickB, Shank B, Champion LA, Smith TJ, Smith Bl, Shapiro C, Muss HB, Winer E, Hudis C, Wood W, Henderson IC, Sugarbaker D, Norton L: Lumpectomy plus tamoxifen with or without irradiation in women 70 years of age or older

with early breast cancer a report of further follow-up. Proceedings of the 29th Annual San Antonio Breast Cancer Symposium, Abstract 11, December 2006.

18. Hughes KS, Schnaper LA, Cirrincione C, Berry DA, McCormick B, Muss HB, Shank B, Hudis C, Winer EP, Smith BL: Lumpectomy plus tamoxifen with or without irradiation in women 70 years of age or older with early breast cancer. Podium presentation and pre-meeting presscast. American Society of Clinical Oncology, Abstract 50014, Chicago, Illinois, June 4, 2010.
19. Ezelle HJ, Lapidus RS, Gartenhaus RB, Schnaper LA, Cullen KJ, Ross DD, Hassel BA: The Nathan Schnaper intern program integrates research, education and clinical components in an undergraduate summer internship focused on translation of laboratory discoveries into clinical applications. Podium presentation. 2016 International Cancer Education Conference, Bethesda, Maryland, September 14-16, 2016.

POSTER SESSIONS:

1. Schnaper LA, Strauch, E: Acute abdominal wall reconstruction with the expanded polytetrafluoroethylene (ePTFE) patch in the presence of contamination. Poster session presented at the American College of Surgeons, Scientific Exhibition, Chicago, Illinois, October 20-25, 1991.
2. Hughes KS, Schnaper LA, Buyske J, Barbarisi LJ, Camus MG and Girshovich L: Breast cancer treatment in the elderly. Poster session presented at the American College of Surgeons, Scientific Exhibition, Chicago, Illinois, October 10-13, 1994.
3. Edge SB, Schnaper LA, Cuenca R, Hughes KS, Khan SA, Koivunen and Loggie B: Reasons for regional variation in breast conserving surgery use at academic centers in T0,1,2 breast cancer. Poster session presented at the Society of Surgical Oncology, Boston, Massachusetts, March 23-26, 1995.
4. Coll JM, Hickey RJ, Schnaper LA, Wei Y and Malkas LH: Protein-protein interactions within the breast cancer cell dna synthesome. Poster session presented at the San Antonio Breast Meeting, San Antonio, Texas, December 1996.
5. Bechtel PE, Sekowski JW, Schnaper LA, Hickey RJ and Malkas LH: Alterations in the DNA synthetic apparatus of malignant breast cells. Poster session presented at the San Antonio Breast Meeting, San Antonio, Texas, December 1997.
6. Mackarem G, Hughes KS, Berry D, Litten JB, Roche C, Vetto J, Morris A, Turk P, Fraser H, Schnaper L, Friedman NB, Winer EP, Shafir M, Wanebo HJ, Capko D, Pories S, Khan S, Kroener J, Hawksworth K, Ting P and Barth R. A multi-institutional study on the efficacy of prophylactic mastectomy in patients with lobular carcinoma in situ (LCIS). Poster session presented at the San Antonio Breast Meeting, San Antonio, Texas, December 1997.
7. Sekowski JW, Hoelz DJ, Malkas LH, Schnaper LA and Hickey RH. DNA replication fidelity in malignant and non-malignant human breast cells. Poster session presented at the San Antonio Breast Meeting, San Antonio, Texas, December 1997.
8. Bechtel PE, Hickey RJ, Schnaper LA, Long B, Obar R, Watkins B, Fey E and Malkas LH. Malignant breast cells contain a unique form of PCNA. Poster session presented at the AACR Annual Meeting, New Orleans, Louisiana, March 1998.
9. Bechtel PE, Hickey RJ, Croisetierre LN, Schnaper LA and Malkas LH: Characterization of the unique form of PCNA in malignant breast cells. Poster session presented at the San Antonio Breast Meeting, San Antonio, Texas, December 1998.
10. Malkas LH, Bechtel PE, Sekowski JW, Schnaper LA, Croisetiere LC and Hickey RJ: Structure/Function analysis of the mutagenic DNA replication apparatus of breast cancer cells. Poster session presented at the San Antonio Breast Meeting, San Antonio, Texas, December 1998.
11. Sekowski JW, Hoelz DJ, Malkas LH, Lu A-L, Schnaper LA and Hickey RJ: DNA mismatch repair proteins are integral components of the DNA replication machinery of breast cancer cells. Poster session presented at the San Antonio Breast Meeting, San Antonio, Texas, December 1998.
12. Malkas LH, Herbert B-S, Hoelz SJ, Abdel-Aziz W, Schnaper L, Dobrolecki L, Liu Y, Alagharu S, Badve S, Beamon A, Arnold R, Novotny M, Loehrer P and Hickey RJ: A cancer-specific isoform of PCNA is linked to breast cancer: implications for a novel cancer biomarker. Poster session presented at the 29th Annual San Antonio Breast Cancer Symposium, San Antonio, Texas, December 2006.

13. Hoelz DJ, Albert A, Dobrolecki LE, Arnold R, Schnaper L, Novotny M, Hickey R and Malkas L: Arm1: a glutamate methyltransferase capable of methyl esterifying PCNA. Poster session presented at the AACR Frontiers in Basic Cancer Research, Boston, Massachusetts, October 8-11, 2009.

MAJOR INVITED SPEECHES:

1. "Breast cancer." Presented at the Menopause Seminar, Days Inn, Baltimore, Maryland, June 16, 1987.
2. "Breast disease." Presented at the 'How to Treat a Lady' Seminar, Mercy Medical Center, Baltimore, Maryland, October 16, 1987.
3. "Annual screening for breast cancer." Appearance before the Senate Finance Committee on House Bill #1094, Annapolis, Maryland, April 2, 1988.
4. "Breast disease." Presented at the 'Your Extra Special Years' Seminar, University Club, University of Maryland Professional Building, Baltimore, Maryland, April 9, 1988.
5. "Evaluation and management of the abnormal breast." Presented at the Frontiers in Obstetrics and Gynecology CME Conference, Annapolis Hilton, Annapolis, Maryland, June 23, 1988.
6. "Current concepts and controversies regarding in situ breast carcinoma." Presented at the University of Maryland, Department of Surgery Grand Rounds, Baltimore, Maryland, December 17, 1988.
7. "In situ breast cancer." Presented at the Department of Surgery Grand Rounds, Harbor Hospital Center, Baltimore, Maryland, January 25, 1989.
8. "Current concepts and controversies regarding in situ breast carcinoma." Presented at the American College of Surgeons, Maryland Chapter, Turf Valley Country Club, Baltimore, Maryland, April 14, 1989.
9. "New surgical options for breast cancer." Presented at the Health Watch Seminar Series 'What Every Woman Should Know About Breast Disease', Office of Campus Life, Baltimore Student Union, Baltimore, Maryland, October 24, 1989.
10. "Changing approaches to locally advanced breast cancer." Presented at the Department of Surgery Grand Rounds, Mercy Medical Center, Baltimore, Maryland, December 14, 1989.
11. "In situ breast disease: controversies in management." Presented at the Department of Surgery Grand Rounds, Harford Memorial Hospital, Havre de Grace, Maryland, February 28, 1990.
12. "Changing approaches to locally advanced breast cancer." Presented at the University of Maryland, Department of Surgery Grand Rounds, Baltimore, Maryland, March 24, 1990.
13. "Abdominal wall reconstruction." Presented at the University of Maryland, Department of Surgery Grand Rounds, Baltimore, Maryland, January 13, 1990.
14. "What every woman should know about breast disease." Presented at the Health Watch Seminar Series, Breast Cancer Panel Discussion, Office of Campus Life, Baltimore Student Union, Baltimore, Maryland, April 4, 1990.
15. "What's new in breast cancer diagnosis and treatment." Presented at the Department of Surgery Grand Rounds, Kent and Queen Anne's Hospital, Chestertown, Maryland, May 23, 1990.
16. "Breast cancer reconstruction: new issues." Presented at the University of Maryland, Department of Surgery Grand Rounds, Baltimore, Maryland, November 17, 1990.

17. "Contemporary management of breast cancer." Presented at the 'Health Issues for Men and Women' Fifth Annual Dean's Conference, University of Maryland School of Medicine, Baltimore, Maryland, March 21, 1991.
18. "Breast disease: early diagnosis, management and treatment." Presented at the National Nurse Practitioner Symposium Annual Scientific and Clinical Sessions, Baltimore Convention Center, Baltimore, Maryland, October 10-12, 1991.
19. "Breast cancer: early evaluation and treatment." Presented at the Mercy Medical Center, Department of Surgery Grand Rounds, Baltimore, Maryland, February 27, 1992.
20. "Breast cancer issues relevant to plastic surgery." Presented at the Combined University of Maryland and Johns Hopkins Hospitals Plastic Surgery Grand Rounds, Baltimore, Maryland, March 20, 1992.
21. "Mammography: help or hindrance?" Presented at the University of Maryland, Department of Surgery Grand Rounds, Baltimore, Maryland, April 11, 1992.
22. "The epidemic of the 1990's: pathology - carcinoma in situ." Presented at the Breast Cancer Detection and Management: Change and Challenge for the Community Physician Symposium, Sacred Heart Hospital, Cumberland, Maryland, June 13, 1992.
23. "The challenge: multidisciplinary approach to cancer of the breast: issues in advance disease." Presented at the Breast Cancer Detection and Management: Change and Challenge for the Community Physician Symposium, Sacred Heart Hospital, Cumberland, Maryland, June 13, 1992.
24. "Evaluation and treatment of benign breast disease." Presented at the University of Maryland, Department of Obstetrics and Gynecology Grand Rounds, Baltimore, Maryland, November 13, 1992.
25. "Breast cancer: issues in diagnosis and treatment." Presented at the Focus on Women's Health Care Conference, Divisions of General Internal Medicine and Adolescent Medicine, Baltimore Marriott Inner Harbor Hotel, Baltimore, Maryland, February 12, 1993.
26. "Evaluation and treatment of benign breast disease." Presented at the University of Maryland, Department of Obstetrics and Gynecology Grand Rounds, Baltimore, Maryland, March 30, 1993.
27. "Advocacy groups and the assessment of new breast cancer treatments" Moderator. Cancer and Leukemia Group B, Baltimore, Maryland, May 5-8, 1993.
28. "Evaluation and management of breast masses." Presented at the 19th Annual Family Medicine Review Course, Ocean City, Maryland, June 21-15, 1993.
29. "Current diagnosis and treatment modalities for breast cancer." Presented at the International Women's Forum of Maryland, Panel Discussion, Johns Hopkins School of Medicine, Baltimore, Maryland, October 1, 1993.
30. "Recent advances in breast cancer treatment." Presented at the Continuing Medical Education Outreach Program, Sunset Restaurant, Glen Burnie, Maryland, February 15, 1994.
31. "The treatment of breast cancer in the elderly." Presented at the University of Maryland, Department of Surgery Grand Rounds, Baltimore, Maryland, March 12, 1994.
32. "Recent advances in breast cancer treatment." Presented at the Continuing Medical Education Outreach Program, Aberdeen, Maryland, April 5, 1994.

33. "New approaches in the treatment of high risk breast cancer." Presented at the Continuing Medical Education Outreach Program, Baltimore, Maryland, January 11, 1995.
34. "Breast cancer in premenopausal women." Presented at the Third Annual Mid-Winter Conference for the Maryland Academy of Family Physicians, Baltimore, Maryland, January 22, 1995
35. "Mastectomy: who needs it?" Presented at the University of Maryland, Department of Medicine Grand Rounds, Baltimore, Maryland, February 1, 1995.
36. "Breast cancer in premenopausal women." Presented at the University of Maryland, Department of Surgery Grand Rounds, Baltimore, Maryland, March 11, 1995.
37. Treatment controversies in breast cancer: a provider's prospective. Presented at the Breast Cancer Symposium, University of Maryland School of Law, Baltimore, Maryland, May 24, 1995.
38. "Breast cancer in the elderly." Presented at the Internal Medicine Clinical Review, Suburban Hospital, Bethesda, Maryland, June 9, 1995.
39. "Primary treatment of breast cancer." Presented at the Piedmont Oncology Association 16th Annual Symposium, Hilton Resort, Hilton Head Island, South Carolina, October 6-7, 1995
40. "Breast cancer." Presented at the Maryland Academy of Family Physicians Fall Regional Conference: Oncology update for primary care physicians.", Columbia, Maryland, November 11, 1995.
41. "Recent advances in breast cancer treatment." Presented at the Sinai Hospital, Department of Obstetrics and Gynecology Grand Rounds, Baltimore, Maryland, April 11, 1996.
42. "Breast cancer update." Presented at the Anne Arundel County Chapter of the American Cancer Society, September 11, 1996.
43. "To know or not to know: the dilemma of breast cancer genetic testing." Presented at the GBMC Healthcare, Inc. Women's Resource Center, Baltimore, Maryland, October 1, 1996.
44. "Breast cancer: Why me? What now?" Presented at the Second Annual Katherine Hoyt Memorial Lecture, Greater Baltimore Medical Center, Baltimore, Maryland, October 25, 1996.
45. "To know or not to know: the dilemma of breast cancer genetic testing." Presented at the Third Annual Staying Healthy Together Conference - The Healthy Side of Change, Sheppard Pratt, Baltimore, Maryland, November 10, 1996.
46. "Breast cancer treatment." Presented at the Southern Medical Association's 90th Annual Scientific Assembly, Baltimore Convention Center, Baltimore, Maryland, November 20-24, 1996.
47. "Outstanding cases in benign and malignant breast disease." Presented at the Southern Medical Association's 90th Annual Scientific Assembly, Baltimore Convention Center, Baltimore, Maryland, November 20-24, 1996.
48. "Breast cancer genetics." Presented at the Greater Baltimore Medical Center, Department of Surgery Grand Rounds, Baltimore, Maryland, December 5, 1996.
49. "Treatment of breast cancer." Presented at the Wellness Community, Baltimore, Maryland, January 20, 1997.

50. "Who still needs mastectomy?" Presented at the Practical Issues in the Treatment of Breast Cancer: How to Help Your Patients Make the Right Decisions" Conference. Greater Baltimore Maryland Center, Towson, Maryland, April 4, 1997.
51. "Controversial issues in breast cancer treatment." Presented at the Perspectives in Medicine Conference, Center Club, Baltimore, Maryland, September 22, 1997.
52. "Women's health." Presented at the American Visionary Art Museum, Summit on the Future. Baltimore, Maryland, October 19, 1997.
53. "Breast cancer update." Presented at the State of Maryland Department of Health and Mental Hygiene, Baltimore, Maryland, October 27, 1997.
54. "Treatment decisions: who still needs a mastectomy: who should have a prophylactic mastectomy." Presented at the Practical Issues in the Diagnosis and Management of Breast Cancer 3rd Illinois Breast Cancer Summit. The University of Chicago Cancer Research Center, Chicago, Illinois, October 31, 1997.
55. "Update on breast cancer." Presented at the Medical Grand Rounds, Greater Baltimore Medical Center, January 29, 1998.
56. "The genetics of breast cancer." Presented at the Partners in Health Protection Inc. Women 2000 Health Conference, Baltimore, Maryland, March 5-6, 1998.
57. "Evaluating breast lumps." Presented at the Department of Medicine Resident Lecture, Greater Baltimore Medical Center, Baltimore, Maryland, April 27, 1998.
58. "Breast cancer update." Presented at the Maryland Academy of Family Physicians 50 Years of Caring Conference, Ocean City, Maryland, June 11-14, 1998.
59. "Breast cancer diagnostic procedures and staging." Presented at the Future Health Corporation Inservice, Baltimore, Maryland, September 14, 1998.
60. "Evaluation and treatment of breast abnormalities: case presentations." Presented at the Department of Gynecology Grand Rounds, Greater Baltimore Medical Center, Baltimore, Maryland, February 19, 1999.
61. "Good news and bad news: controversies in breast cancer treatment." Presented at the Women in Science Forum, Towson University, Towson, Maryland, May 15, 1999.
62. "Surveillance, surgery and services for the patient with breast cancer." Presented at the Department of Defense Center for Medical and Molecular Genetics, Mini Conference on Hereditary Cancer: Risk Assessment and Services, Washington, D.C., May 20, 1999.
63. "Evaluation of breast masses." Presented at the Department of Internal Medicine Lectures for Residents, Greater Baltimore Medical Center, Baltimore, Maryland, October 25, 1999.
64. "The myths of breast cancer and more." Presented at the Second Annual Day of Caring for Breast Cancer Awareness, Holiday Inn Select Timonium, Timonium, Maryland, October 30, 1999.
65. "Evaluation and treatment of breast abnormalities: case presentations." Presented at the Department of Gynecology Grand Rounds, Greater Baltimore Medical Center, Baltimore, Maryland, February 18, 2000.

66. "Breast cancer and sexuality." Presented at the Maryland Affiliate of The Susan G. Komen Breast Cancer Foundation Reaching for the Cure...Holding a Promise Conference, Baltimore Sheraton North, Towson, Maryland, March 25, 2000.
67. "Advances in breast cancer treatment." Presented at the Perspectives in Medicine Conference, Greater Baltimore Medical Center, Baltimore, Maryland, April 13, 2000.
68. "The genetics of breast cancer." Presented at the Women in Science Forum, Towson University, Towson, Maryland, April 20, 2000.
69. "The myths of breast cancer." Presented at the Maryland Public Television Women's Health Conference, Speaking of Women's Health," Marriott's Hunt Valley Inn, Hunt Valley, Maryland, May 13, 2000.
70. "The GBMC experience with sentinel lymph node biopsy in breast cancer." Presented at the Department of Surgery and Gynecology Combined Grand Rounds, Greater Baltimore Medical Center, Baltimore, Maryland, October 5, 2001.
71. "An integrated approach to breast cancer treatment: the renovation and expansion of the GBMC Comprehensive Breast Care Center." Presented at the Perspectives in Medicine Conference, Greater Baltimore Medical Center, Baltimore, Maryland, April 16, 2002.
72. "New advances in breast care." Presented at the PGA Tour Luncheon, Hayfields Country Club, Cockeysville, Maryland, June 17, 2002.
73. "Breast cancer." Presented at the Maryland Association of Osteopathic Physicians (MAOP) 8th Annual Chesapeake Regional Osteopathic Scientific Conference, Princess Royale Hotel, Ocean City, Maryland, June 30, 2002.
74. "Benign and malignant breast disorders." Presented at the Healthy Menopause: A Course for Clinicians Conference, Greater Baltimore Medical Center, Baltimore, Maryland, November 23, 2002.
75. "Myths of breast cancer." Presented at the Rally for the Cure Golf Event, Suburban Country Club, Baltimore, Maryland, May 7, 2003,
76. "Keynote speaker." Presented at the Annual Council of the Girl Scouts of Central Maryland, Baltimore, Maryland, May 11, 2004.
77. "The treatment of breast cancer in women over 70." Presented at the joint meeting of the Baltimore County Medical Association and the Baltimore City Medical Society, Greater Baltimore Medical Center, Baltimore, Maryland, February 23, 2005.
78. "Breast cancer: myth and reality." Presented at the Women in Science Forum, Towson University, Towson, Maryland, March 5, 2005.
79. "A short history of breast cancer." Presented at the Greater Baltimore Medical Center Breast Colloquium for Jewish Women, Baltimore, Maryland, September 26, 2005.
80. "Innovations in detection and treatment of breast cancer." Presented at the Greater Perspectives in Medicine Conference, Greater Baltimore Medical Center, Baltimore, Maryland, October 25, 2005.
81. "Getting cancer in our sites: protein biomarkers." Presented at The Lecture Group, Temple Oheb Shalom Chapel, Baltimore, Maryland, March 8, 2006.

82. "A short history of breast cancer." Presented at the Greater Baltimore Medical Center Breast Colloquium for Jewish Women, Beth Tfiloh Congregation, Baltimore, Maryland, February 26, 2006.
83. "A short history of breast cancer." Presented at the Greater Baltimore Medical Center Breast Colloquium for Jewish Women, Beth El Congregation, Baltimore, Maryland, April 24, 2006.
84. "Management of the frail elderly with breast cancer: alternatives in surgery, radiation and systemic therapy." Presented at the Scipps Cancer Center's 28th Annual Clinical Hematology and Oncology Conference, San Diego, California, February 18-20, 2008.
85. "Women's Cancers." Presented at Time for Me! Lecture Series, Greater Baltimore Maryland Center, Baltimore, Maryland, October 6, 2009.