

Curriculum Vitae

BENITA S. KATZENELLENBOGEN

Mailing Address:

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University of Illinois and College of Medicine
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Urbana, IL 61801-3704

Biographical Background:

Born: New York, New York
Citizenship: U.S.A.

Educational Background:

B.A. summa cum laude, City University of New York, New York, Biology major, June 1965
M.A. in Biology, Harvard University, Cambridge, Massachusetts, June 1966
Ph.D. in Biology, Harvard University, Cambridge, Massachusetts, March 1970
Research Advisor: Professor Fotis C. Kafatos
Postdoctoral (NIH), University of Illinois, Urbana, Department of Physiology and Biophysics.
Sponsor: Professor Jack Gorski, April 1970-September 1971

Professional Employment:

Assistant Professor of Physiology, University of Illinois, College of Medicine at Urbana, and
Department of Physiology and Biophysics, University of Illinois, Urbana, September
1971 - August 1976

Associate Professor of Physiology, August 1976 - August 1982

Visiting Professor (sabbatical), University of California at San Francisco, September 1977 - June 1978, with Prof. Keith Yamamoto, Dept. of Biochemistry and Biophysics

Professor of Physiology, August 1982 - present, and Professor of Cell and Developmental Biology, January 1989 - present

Honors, Awards and Fellowships:

N.I.H. Predoctoral Fellowship - Developmental Biology, 1965 - 1969

N.I.H. Postdoctoral Fellowship - Endocrinology, 1970 - 1971

National Young Scholar Recognition Award, Amer. Assoc. of University Women, 1981

Ernst Oppenheimer Award, The Endocrine Society, for meritorious research, 1984

Medallion of Honor Award, University of Illinois Mothers Association, for important contributions to the University, 1987

Thomas A. Murphy University Scholar, for distinction as a member of the faculty of the University of Illinois, 1987 - 1990

Beckman Associate, Center for Advanced Study, University of Illinois, 1988

Susan G. Komen Foundation Award for breast cancer research, 1988-1993

Susan G. Komen Foundation Award for Breast Cancer Research, 1988;
MERIT Award from the National Cancer Institute, NIH, 1991 – 1999

MERRI Award from the National Cancer Institute, NIH, 1991
Plenary Lecture, Endocrine Society 74th Annual Meeting, 1992

Fellow American Academy of Arts and Sciences elected 1993

Fellow, American Academy of Arts and Sciences, elected 1993
Faculty Member of the Year Award, University of Illinois College

Faculty Member of the Year Award, University of Illinois College of Medicine, 1994
Scientific Distinction Award, Susan G. Komen Breast Cancer Foundation, 1996

Scientific Distinction Award, Susan G. Komen Breast Cancer Foundation, 1996

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- William L. McGuire Memorial Lectureship, University of Texas and Glaxo Wellcome Oncology, 1996
- Plenary Lecture, 10th International Congress of Endocrinology, 1996
- Thomas Muldoon Memorial Lectureship, Medical College of Georgia, 1998
- Jill Rose Award for Breast Cancer Research, The Breast Cancer Research Foundation, 1998
- The Ray A. and Robert L. Kroc Lectureship, University of Texas-Houston Health Science Center and M. D. Anderson Cancer Center, 1998
- Olof Pearson Lectureship, Case Western Reserve University Cancer Center, 1999
- NIEHS Distinguished Lectureship, NIEHS/NIH, 2000, 2005, 2012, 2019
- Swanlund Professorship, University of Illinois, 2000–present
- Professor in the Center for Advanced Studies, University of Illinois, 2000–present
- City University of New York Distinguished Alumni Award, 2002
- Roy O. Greep Lecture Award, The Endocrine Society, 2006
- Laurea ad Honorem (Honorary Degree) from University of Milan, Italy, 2007
- Nobel Conference on Estrogen Signaling: From Molecular Insights to Clinical Understanding, Keynote Address, Stockholm, 2008
- Susan G. Komen for the Cure Brinker Award for Scientific Distinction, 2009
- Mentor Award, Women in Endocrinology, 2011
- Plenary Lecturer, The Endocrine Society of Australia, Melbourne, August 2014
- Fred Conrad Koch Lifetime Achievement Award, The Endocrine Society, 2016

Professional Activities:

- Endocrinology Study Section, NIH, 1979–1983
- Biochemical Endocrinology Study Section, NIH, 1995–1999
- National Institute of Diabetes, and Digestive and Kidney Diseases (NIH) Board of Scientific Counselors, 1985–1989; Chairman, 1988–1989
- Advisory Committee on Biochemistry and Endocrinology, American Cancer Society, 1989–1993; Vice-Chairman, 1992–1993
- Grants Review Panel, Susan G. Komen Breast Cancer Foundation, 1994
- Grants Review Panel, Endocrine Society Student Fellowship Awards, 1994
- President-Elect, The Endocrine Society, 1999–2000
- President, The Endocrine Society, 2000–2001
- Past-President, The Endocrine Society, 2001–2002
- Publications Committee, The Endocrine Society, 1981–1983
- Program Committee, The Endocrine Society, 1983–1987
- Council, The Endocrine Society, 1989–1992
- Nominating Committee, The Endocrine Society, 1994–1997, 2002–2004 and 2016–2019
- Awards Committee, The Endocrine Society, 2009–2013
- Editorial Board, Endocrinology, 1979–1982 and 1999–2002
- Editorial Board, Amer. Journal of Physiology: Cell Physiology, 1981–1988
- Editorial Board, Journal of Steroid Biochemistry and Molecular Biology, 1981–2004
- Editorial Board, Receptor, 1992–1997
- Editorial Board, Endocrine Reviews, 1983–1988
- Editorial Board, Molecular Endocrinology, 1994–1997
- Scientific Organizing Committee, Meadowbrook-Serono Conference on Steroid Receptors in Health and Disease, 1987, 1992
- International Organizing Committee, Intl Congress on Hormones and Cancer, 1987–1999
- American Association for Cancer Research, Task Force on Endocrinology, 1987–1989
- Chairman, Gordon Research Conference on Hormone Action, August 1988

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Central Committee, International Society of Endocrinology, 1988–2000
National Science Foundation, Alan T. Waterman Award Committee, 1989–1991
Scientific Advisory Board, Don Shula Foundation, 1991–1994
Program Committee, Recent Progress in Hormone Research Conference, 1993–1996
Co-Chair, Keystone Symposium on The Nuclear Receptor Superfamily, 2002
NIH Nuclear Receptor Signaling Atlas (NURSA), External Advisory Board, 2002–2012
External Advisory Committee to Breast Cancer SPORE programs – Northwestern Medical,
2002-2006, and Georgetown Medical Center, 1995-2006; DOD Breast Cancer Center of
Excellence, Fox Chase Cancer Center, 2006 – 2012
Department of Defense Breast Cancer Review Panel, 2012; DOD Innovator Award Review
Panel, 2018; and NIH Predoctoral and Postdoctoral Review Panel, 2010 and 2011; NIH
NCCAM Grants Review Panel, 2013; DOD Innovator and Breakthrough Award Review
Panel 2023
Editorial Board, Nuclear Receptor Signaling 2013-2016; and Journal of the Endocrine Society
2016-2021
Associate Editor, NPJ (Nature Partner Journal) Breast Cancer, 2015-2022
San Antonio Breast Cancer (SABC) William L. McGuire Award Committee, 2018-2020
American Academy of Arts and Sciences (AAAS), Membership Committee, 2019-2024
American Association for Cancer Research Breast Cancer Grants Review Committee 2021-2023

Memberships:

Phi Beta Kappa, The Endocrine Society, American Association for Cancer Research, American
Physiological Society, Society for the Study of Reproduction, Society of Toxicology

Areas of Research Experience:

Cancer biology, endocrinology, and women's health. Regulation of gene expression, signal transduction, cell proliferation and other phenotypic properties by hormones and growth factors; mechanisms of hormone and antihormone (SERM) action in normal and cancer cells, with special focus on breast cancer; functional analyses of nuclear hormone receptors. Basic and translational studies directed at understanding genomic, including global gene expression, regulation by estrogens and genome-wide interactions of estrogen receptors, coregulators, and protein kinases in steroid signaling in reproductive tissues in health and disease, and approaches for preventing or reversing therapy resistance and overcoming aggressiveness factors in breast cancer (Present).

Estrogen effects on specific RNA and protein synthesis in the uterus, with particular emphasis on *in vitro* hormone-induced syntheses (Postdoctoral).

Developmental biology: Hormones and enzymes involved in the moulting process in insects (Doctoral).

Current Teaching and Research Activities:

Teaching endocrinology, physiology and molecular and cellular biology and cancer biology to medical students and undergraduate and graduate students. Supervise graduate seminars in Endocrinology, Cancer Biology, Reproductive Biology and Cell Biology. Direct students, postdoctoral scientists and medical fellows, and visiting scientists in research and training in reproductive endocrinology, hormones and cancer, cell biology, cancer biology and translational research.

Research students in my laboratory:

Ph.D. 1 current, 37 conferred

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M.A. 12 conferred
B.S. 3 current, 52 conferred

Post-doctoral/Visiting Scientists:
3 current, 37 former

Research Support:

- (1) NIH USPHS Grant HD 06726 "Effects of Estrogen on Human Uterine Tissue *in Vitro*"
May 1, 1972 - April 30, 1975
June 15, 1975 - May 30, 1978
June 1, 1978 - May 30, 1981
June 1, 1981 - May 30, 1984
- (2) NIH USPHS Grant CA 18119 "Antiestrogens: Mechanism of Antagonist Action"
December 1, 1975 - November 30, 1978
December 1, 1978 - November 30, 1981
December 1, 1982 - November 30, 1985
December 1, 1985 - November 30, 1990
December 1, 1990 - November 30, 1998 (MERIT Award)
April 1, 1999 – March 31, 2004
May 1, 2004 – April 30, 2010
- (3) NIH USPHS Grant CA 31870 "Cytotoxic Estrogens: Selective Agents for Breast Cancer" February 1, 1983 - January 31, 1986
- (4) NIH USPHS Grant HD 21524/CA 51482 "Progesterone Receptor Regulation"
April 1, 1986 - November 30, 1989
December 1, 1989-November 30, 1994
- (5) American Cancer Society Grant PDT-370 "Progesterone Receptor Regulation in Breast Cancer" July 1, 1989 - June 30, 1992
- (6) NIH USPHS Grant CA60514 "Dominant Negative Estrogen Receptors and Breast Cancer"
July 1, 1993 - June 30, 1998
July 1, 1998 - April 30, 2004
- (7) U.S. Army Breast Cancer Program Grant DAMD17-94-J-4205
"Cyclic AMP Modulation of Estrogen-Induced Effects: A Novel Mechanism for Hormonal Resistance in Breast Cancer" October 1, 1994 - September 30, 1998
- (8) The Breast Cancer Research Foundation (BCRF-083)
“Genomic Profiling of the Estrogen Hormonal Pathway for Breast Cancer Prevention and Treatment” October 1, 1998 - September 30, 2024 (renewed yearly)
- (9) NIH/NIA P01 AG024387-01 to 05 (William Helferich, Director; B. S. Katzenellenbogen, Co-PI on Project 4 and Core C Director)
NIH “Phytoestrogens and Aging: Dose, Timing & Target Tissue”
September 1, 2004 – August 31, 2010
- (9) Participant in NIH Training Grants in Reproductive Biology (to University of Illinois, Dr. A. Nardulli, Director); Cell and Molecular Biology (to University of Illinois, Dr. J.

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- Morrisey, Director); Radiation Oncology (to University of Illinois – Dr. W. D. O'Brien, Jr., Director); and Environmental Toxicology (to University of Illinois, Dr. S. Schantz, Director)
- (10) NIH NICHD U54 Center Program in Reproduction and Infertility Research
“Hormone-Regulated Pathways Controlling Implantation and Fertility”
M. Bagchi, Director; Benita S. Katzenellenbogen, Project 2, P.I.
“Nuclear Receptor Coregulators in Implantation and Uterine Function”
April 1, 2008 – March 30, 2014
- (11) NIH, ODS/NCCAM/NCI 1P50 AT006268, Botanical Research Center
“Botanical Estrogens: Mechanisms, Dose, and Target Tissues”
W. Helferich, Director; Benita S. Katzenellenbogen, Project 1, P.I.
“Molecular Mechanisms and Cellular Pathways of Botanical Estrogen Activity”
August 1, 2010 – July 30, 2017
- (12) Beckman Institute, UIUC, Seed Grant Initiative
“Genomic Imaging of Breast Cancer”
Stephen Boppart, PI; Benita S. Katzenellenbogen, Co-Investigator with four other faculty
May 15, 2010 – May 14, 2012
- (13) The Breast Cancer Research Foundation
“Development of Novel Antagonist Ligands for Metastatic Breast Cancers Driven by Estrogen Receptors (ERs) with Activating Mutations”
John A. Katzenellenbogen, PI; Benita S. Katzenellenbogen, Co-Investigator
July 1, 2016 – September 30, 2019
- (14) 1 R01 CA220284 PHS NIH/NCIs
“Chemical, structural and molecular rules for fully antagonizing the estrogen receptor”
K. Nettles, PI; Benita S. Katzenellenbogen, Consortium Co-PI
July 1, 2018 – June 30, 2024
- (15) R01 CA234025 NIH/NCI
“Impact of Cholesterol and its Metabolites on Breast Cancer Progression”
Nelson, ER (PI), Katzenellenbogen, BS (Co-Investigator)
March 1, 2019 – February 28, 2024
- (16) The Breast Cancer Research Foundation (BCRF-084)
“Examination of Estrogen Receptor β as a Therapeutic Target in Triple-Negative Breast Cancer”
John A. Katzenellenbogen, PI; Benita S. Katzenellenbogen, Co-PI
October 1, 2019 – September 30, 2024

Patents:

Co-Inventor on 7 Patents—one on FOXM1 Inhibitory Compounds for Cancer Treatment; two on Novel Antiestrogens for Therapy of Cancer and Other Diseases; two on Estrogen Receptor alpha and Estrogen Receptor beta Selective Ligands; one on Novel Compounds Which Activate Estrogen Receptors; one on Estrogen Receptor Inhibitory Coregulators . These are listed below.

1. Antiestrogens for cancer therapy WO2018175965A1 Filed 2018-03-23 • Published 2018-09-27
2. Novel compounds which activate estrogen receptors and compositions and methods ... WO EP US JP AU CA EP3400071A1 Filed 2017-01-06 • Published 2018-11-14

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3. Sulfonamides as selective estrogen receptor WO US US20070021495A1 Filed 2006-07-25 • Published 2007-01-25
4. Estrogen receptor ligands WO AU AU1199600A Filed 1999-10-01 • Published 2000-04-26
5. Foxm1 inhibitor compositions and methods of using the same WO2019199863A1 Filed 2019-04-09 • Published 2019-10-17
6. Estrogen receptor beta ligands for the prevention and treatment of multiple sclerosis (ms) and other demyelinating, inflammatory and neurodegenerative diseases WO2019226936A1 Filed 2019-05-23 • Published 2019-11-28
7. Repressor of estrogen receptor activity WO AU AU1344300A Filed 1999-11-04 • Published 2000-05-22

Facilities Development:

NIH Instrumentation Grant 1S10 RR02277 for a Fluorescence Activated Cell Sorter System (\$236,276), December 1984, B. S. Katzenellenbogen, P.I.

Administrative Activities:

- (1) University of Illinois College of Medicine. College Committee on Student Appraisal and on Freshman Subcommittee thereof, September 1971 - June 1976.
- (2) School of Basic Medical Sciences "Medical Manpower Committee." Three-person committee to interview and assess all candidates for academic appointments in the School of Basic Medical Sciences, September 1971 - July 1974.
- (3) College of Medicine at Urbana Executive Committee, October 1976 - July 1980; January 1981 - August 1983; August 1990 - August 1994.
- (4) College of Medicine at Urbana Committee on Committees, October 1976 - July 1980; January 1981 - August 1983; August 1988 - August 1992.
- (5) School of Basic Medical Sciences "Peer Evaluation Committee." Five-person committee to develop guidelines for faculty promotion and tenure, January 1974 - September 1974.
- (6) Physiology Department Graduate Admissions Committee. Five person committee to decide on admissions policies and graduate students admitted to Physiology graduate program, February 1974 - June 1975, July 1976 - August 1982, and July 1985 - present. Chairman of Admissions Committee, Fall 1979 - August 1982.
- (7) Department of Physiology and Biophysics Bylaws Committee. Four person committee to develop departmental bylaws and structure, Spring 1974.
- (8) Member of Search Committee for two endocrinologists. One in the School of Basic Medical Sciences and one in the Department of Physiology and Biophysics, Fall 1972 - Fall 1973.
- (9) Physiology Department Courses and Curriculum Committee, August 1975 - August 1977 and August 1983 - August 1986 and 1999 - 2000.
- (10) Alternate Member, University of Illinois Institutional Review Board. To review research proposals involving human subjects, July 1973-June 1979.

- (11) Search Committee for Executive Dean, College of Medicine, 1979.
- (12) Salary Equity Committee, School of Life Sciences, 1977.
- (13) Appointments, Reappointments and Promotions Committee, College of Medicine at Urbana, July 1978 - present.
- (14) Graduate Qualifying Committee. To admit graduate students to Ph.D. program, August 1978 - June 1979.
- (15) Undergraduate Physiology student advising, 2-3 students per semester.
- (16) Planning Committee, University-wide interdisciplinary faculty symposium on Population, October 1978 - May 1979.
- (17) Research Planning Committee of the School of Basic Medical Sciences, 1981 - 1986.
- (18) School of Life Sciences Policy Forum Committee. To shape directions for the School of Life Sciences, Fall 1982 - 1986.
- (19) Physiology and Biophysics Department Advisory Committee. Advisory committee to the department head, August 1981 - August 1984, August 1992 - August 1994.
- (20) Search Committee for new Head of the Department of Physiology and Biophysics, Fall 1983 and Fall 1987.
- (21) Chairman, Faculty Committee for the University-wide Cell Science Center, Spring 1985 - Fall 1987.
- (22) Steering Committee, University of Illinois Biotechnology Center, Spring 1985-1988.
- (23) Executive Committee, University of Illinois, Cell and Molecular Biology Program, 1987-1991 and 1995 - present.
- (24) Search Committee for new faculty members, Department of Cell and Structural Biology, Fall 1988 - 1991.
- (25) Seminar Committee, Department of Cell and Structural Biology, Fall 1990 - 1992, 1995 - 1996, and 1998 - 2000.
- (26) Appointments and Promotions Committee, Department of Cell and Structural Biology, 1990 - 1994.
- (27) Beckman Institute, Program Advisory Committee, Fall 1990 - Fall 1991.
- (28) Graduate Committee, Department of Cell and Structural Biology, Fall 1992 - 1995.
- (29) A. V. Nalbandov Lectureship Committee Chairperson, 1992, 1994, 1997.
- (30) Research Policy Committee, University of Illinois, 1993 - 1995.

- (31) School of Life Sciences Review Committee, 1994 - 1995.
- (32) University Committee on Endowed Appointments, 1995 - 1996 and 2000 – 2003; Chair, 2001 - 2003.
- (33) University Scholar Awards Committee, 1998.
- (34) Graduate Program Committee, Molecular and Cellular Biology School, Fall 1998.
- (35) Search Committee, Vice Chancellor for Research, University of Illinois, Fall 1999 - Spring 2000
- (36) Search Committee, Functional Analysis of Macromolecular Assemblies Faculty Search, School of Molecular and Cellular Biology, Fall 2001 – Spring 2002
- (37) Graduate Program Committee, Molecular and Cellular Biology School, 2002 - 2004.
- (38) Director of the Mills Breast Cancer Institute (Carle, UIUC), Search Committee, 2006.
- (39) UIUC Campus-wide Translational Research Initiatives Strategic Planning Committee, 2006 – 2007.
- (40) Search Committee for Head of Department of Molecular and Integrative Physiology, Fall 2007; Search Committee for New Faculty in Molecular and Cellular Biology, 2009-2010.
- (41) MIP Department Qualifying Exam Committee, 2008-2010.
- (42) CAS (Center for Advanced Studies) Associates and Fellows Selection Committee, 2000-present.
- (43) Faculty Mentoring Committee, Department of Molecular and Integrative Physiology and Department of Cell and Developmental Biology, and Promotions Committee for several faculty members, 2007-present
- (44) UIUC Campus-wide Cancer Community at Illinois Steering Committee, 2011-2017.
- (45) UIUC Cancer Center at Illinois (CCIL), Senior Advisor to the Director, 2020-present
- (46) Cancer Center at Illinois (CCIL), Internal Advisory Committee, 2021-present
- (47) Carl Woese Institute for Genomic Biology (IGB), Member, Center for Genomic Diagnostics, 2018-present

Seminars and Invited Addresses:

- Harvard University - Developmental Biology, March 1972
Harvard Medical School - Laboratory for Human Reproduction and Reproductive Biology,
March 1973
Eli Lilly Company, June 1973
Wabash College - Biology Department, November 1973
SUNY at Stony Brook - Health Sciences, May 1974
University of Wisconsin at Madison - Biochemistry Department, May 1974
University of Illinois - Biochemistry Department, November 1974
Brown University - Health Sciences, December 1974
NIH - Reproduction Research Branch, December 1974
University of Michigan Medical School - Department of Pathology (Reproductive Biology),
January 1975
Southern Illinois University Medical School - Department of Physiology, March 1975
University of Paris South, Lab Hormones, Bicetre, France, February 1976
University of Illinois College of Medicine - Physiology Department, Medical Center Chicago,
March 1976
University of Illinois - Dairy Science Department, Urbana, November 1976
IMC Chemical Corporation, Indiana, January 1977
University of California Medical Center at San Francisco - Department of Obstetrics and
Gynecology, Reproductive Biology, January 1977
University of California, Berkeley - Symposium on Contraceptive Hormones and Human
Welfare, April 1977
NIH-sponsored symposium on "Ontogeny of receptors and molecular mechanisms of
reproductive hormone action", Austin, Texas, August 1977
University of California at San Francisco - Reproductive Biology, September 1977
University of California at San Francisco - Hormone Research Lab, January 1978
Conference on the Estriol Ratio and Breast Cancer, Sponsored by the Guttman Institute and the
N.Y. Division of the American Cancer Society, N.Y. City, January 1978
University of California, Riverside - Biochemistry Department, February 1978
U.S.-Japanese Conference on Hormones and Receptors in Breast Cancer, sponsored by the
National Cancer Institute and the Japanese Government, Hawaii, March 1978
University of California, Los Angeles - Biology Department and Molecular Biology Institute,
April 1978
Laurentian Hormone Conference, sponsored by the Endocrine Society, Mont Tremblant, Canada,
August 1978
National Center for Toxicological Research and University of Arkansas, Little Rock, September
1978
Worcester Foundation Symposium on Steroid Hormone Receptor Systems, Worcester
Foundation for Experimental Biology, Shrewsbury, Mass., October 1978
Indiana University Medical School, Departments of Physiology and Biochemistry, November
1978
University of Wisconsin, Madison, Endocrinology Program, October 1978
University of Pittsburgh Medical School, Department of Physiology, December 1978
University of Iowa, Departments of Physiology and Biophysics and Zoology, February 1979
International Symposium on Steroid Induced Uterine Proteins, Marburg, Germany, September
1979
First International Congress on Hormones and Cancer, Rome, Italy, October 1979

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- Eighth Brook Lodge Conference on Problems in Reproductive Physiology, Kalamazoo, Michigan, October 1979
- Medical College of Ohio, Toledo, Interdepartmental seminar, September 1980
- Hershey Medical Center, Pennsylvania. Reproductive Biology, October 1980
- University of Wisconsin, Parkside, Life Sciences, October 1980
- McGill University, Montreal, February 1981
- Michigan Cancer Foundation, Topics in Cancer Research Seminar Series, April 1981
- Iowa State University, Zoology and Cell Biology, May 1981
- Fifth International Conference of the Journal of Steroid Biochemistry, Puerto Vallarta, Mexico, July 1981
- University of Maryland Medical School, Department of Physiology, Baltimore, Maryland, October 1981
- National Institute for Environmental and Health Sciences, Raleigh, North Carolina, November 1981
- UCLA-ICN Meeting on Evolution of Hormone Receptor Systems, Squaw Valley, Calif., March 1982
- University of Illinois College of Medicine, Department of Pharmacology, Chicago, April, 1982
- University of Kentucky, Lexington Hormone Research Conference, April, 1982
- Gordon Research Conference, The Mammalian Reproductive Tract, July 1982
- Sixth International Congress on Hormonal Steroids, Jerusalem, Israel, September 1982
- NIH, Reproduction Research and Pregnancy Branch, NICHD, February 1983
- FDA/NIH/WHO Workshop, Animal Testing Guidelines for New Generation Contraceptive Agents, NIH, Bethesda, April 1983
- International Round Table on Recent Advances in Estriol Research, Madeira, Portugal, May 1983
- INSERM, Molecular Endocrinology Unit, Montpellier, France, June 1983 Gordon Research Conference on Hormone Action, Session Chairman, August, 1984
- University of Chicago, Ben May Laboratory for Cancer Research, Chicago, Illinois, November 1983
- Michigan Cancer Foundation and Comprehensive Cancer Center of Detroit, Symposium on Antiestrogens and Breast Cancer, March 1984
- American Association for Cancer Research, 75th Annual Meeting, Chairman and Speaker, Minisymposium on Receptors and Breast Cancer, Toronto, Canada, May 1984
- International Conference on Estrogens and Antiestrogens, Madison, Wisconsin, June 1984
- Seventh International Congress of Endocrinology, Symposium speaker, Quebec, Canada, July 1984
- University of Rochester Medical Center, Cancer Center and Pharmacology, November 1984
- Seventh Annual San Antonio Breast Cancer Conference, Plenary lecture, December 1984
- Johns Hopkins University Medical School, Population Biology, March, 1985
- International Minerals and Chemical Corporation, Indiana, April 1985
- Gordon Research Conference, Hormone Action, August 1985
- Sixth European Congress on Clinical Chemistry, Jerusalem, Israel, September 1985
- Weizmann Institute of Science, Department of Hormone Research, Rehovot, Israel, September 1985
- University of Illinois, Department of Physiology and Biophysics, October 1985
- University of Illinois Know Your University Series Speaker, "Cancer Research at the University of Illinois", November 1985

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- West Virginia University Medical Center, Morgantown, Endocrinology Program and Department of Physiology, November 1985
- University of Texas Southwestern Medical School at Dallas, Reproductive Sciences, February 1986
- Marquette University Symposium on Receptors as Physiologic Regulators, Plenary lecture, March 1986
- FASEB Symposium lecture on Hormone Receptors, Pharmacology Society, St. Louis, April 1986
- First International Congress on Cancer and Hormones, Symposium lecture, Rome, Italy, April 1986
- University of Pennsylvania Medical School, Department of Obstetrics and Gynecology and Reproductive Sciences, May 1986
- Biotechnology Center Symposium on Monoclonal Antibodies, University of Illinois, May 1986
- Northwestern University, Program for Reproductive Research and Departments of Physiology and Neurobiology, October 1986
- Texas Tech University, Departments of Biochemistry and Reproductive Sciences, March 1987
- Rutgers University, Departments of Physiology and Biochemistry, April 1987
- Yale University Medical School, Departments of Biochemistry and Obstetrics and Gynecology, April 1987
- Harvard Medical School, Laboratory of Human Reproduction and Reproductive Biology, April 1987
- University of Wisconsin-Madison, Department of Physiology, April 1987
- Eighth International Symposium of the Journal of Steroid Biochemistry, Paris, France, May 1987
- Meadowbrook Symposium on Steroid Receptors in Health and Disease, Oakland, Michigan, September 1987
- Medical College of Virginia and Fairfax Hospital, Symposium on Advances in Reproductive Medicine, October 1987
- AAAS Symposium, Frontiers in Reproductive Biology, Boston, February 1988
- University of Chicago, Ben May Laboratory for Cancer Research, March 1988
- Eighth International Congress of Endocrinology, Kyoto, Japan, July 1988
- International Symposium on Sex Steroid-Dependent Tumors, Tokyo, Japan, July 1988
- Fourth International Symposium on Cellular Endocrinology, Lake Placid, NY, August 1988
- University of Missouri, Reproductive Sciences, Veterinary and Biomedical Sciences, Columbia, November 1988
- Baylor College of Medicine, Cell Biology, March 1989
- University of Illinois College of Medicine, Ob/Gyn and Medical Sciences, Chicago, March 1989
- Case Western Reserve University, Physiology and Biophysics, April 1989
- American Association for Cancer Research, Symposium talk, San Francisco, May 1989
- Gordon Research Conference on Hormonal Carcinogenesis, July 1989
- University of Illinois, Department of Veterinary Pathobiology, October 1990
- Boston University, Department of Biology, January 1990
- American Association for Cancer Research Special Conference on Steroid Receptors, Transcription Factors and Gene Expression, San Diego, February 1990
- Tufts University Medical School, Department of Cell Biology and Anatomy, May 1990
- Gordon Research Conference on Hormone Action, August 1990
- National Cancer Institute-(NIH)-Sponsored Conference on Current Approaches in Breast Cancer research and Therapies, St. Michaels, Maryland, September 1990
- University of Indiana Medical School and Eli Lilly Company, Indianapolis, October 1990

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- Breast Cancer Think Tank Meeting, Copper Mountain, Colorado, January 1991
University of Texas Medical Center, Houston, Department of Obstetrics/Gynecology and Reproductive Sciences, February 1991
University of Illinois College of Medicine at Chicago, Department of Obstetrics and Gynecology, March 1991
University of Rochester Medical Center, Department of Biochemistry, May 1991
University of Pennsylvania Medical School, Pharmacological Sciences and Biochemistry, July 1991
Cell and Molecular Biology/Molecular Biophysics Training Grant Symposium Keynote Address, University of Illinois, September 1991
Institute for Hormone and Fertility Research, University of Hamburg, Hamburg, Germany, September 1991
Mayo Clinic, Department of Biochemistry and Molecular Biology, October 1991
Breast Cancer Think Tank Meeting, Bonaire, January 1992
Keystone Symposium on the Steroid/Thyroid Receptor Gene Super Family, Tamarron, Colorado, February 1992
Keystone Symposium on Breast and Prostate Cancer, Lake Tahoe, California, March 1992
Marion Merrell Dow Inc., Cincinnati, Ohio, March 1992
National Cancer Institute Breast Cancer Research Discussion Panel, NIH, April 1992
Beckman Institute, University of Illinois, Conference on Receptor Proteins: Structure, Function and Modeling, May 1992
Endocrine Society 74th Annual Meeting, Plenary Lecture, San Antonio, Texas, June 1992
Eli Lilly Co., Indianapolis, Indiana, July 1992
Satellite Symposium Ninth International Congress of Endocrinology, "Breast Cancer: Molecular Biology to the Clinic", Nice, France, August 1992
Ninth International Congress of Endocrinology, Symposium Lecture, Nice, France, August 1992
Meadowbrook Conference on Steroid Receptors in Health and Disease, Rochester, Michigan, October 1992
Saint Louis University Medical Center, Department of Pharmacological and Physiological Sciences, November 1992
President's Special Commission on Breast Cancer, Bethesda, Maryland, November 1992
William L. McGuire Memorial Symposium, University of Texas Health Sciences Center, San Antonio, January 1993
Breast Cancer Think Tank Meeting, Turks and Caicos Island, January 1993
Rockefeller University-Cornell Medical School-Sloan Kettering-Population Council Inter-Institutional Endocrine Research Seminar, April 1993
Wayne State University Medical School, Departments of Physiology and Biochemistry, April 1993
Eleventh International Symposium of the Journal of Steroid Biochemistry and Molecular Biology, Seefeld, Austria, May 1993
Gordon Research Conference on Hormone Action, August 1993
NIEHS - Research Triangle Reproductive Biology symposium, Plenary Speaker, January 1994
Breast Cancer Think Tank Meeting, Cancun, Mexico, January 1994
Keystone Symposium on Steroid/Thyroid/Retinoic Acid Super Gene Family, Taos, New Mexico, February 1994
University of Illinois College of Medicine, Ob/Gyn Seminar Program, Urbana, March 1994
Komen Breast Cancer Foundation Educational Forum, Keynote Speaker (2 lectures), March 1994, Peoria, Illinois

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- FASEB Annual Meeting, Special Symposium on Steroid/Thyroid Hormone Signaling Pathways, Anaheim, California, April 1994
- First International Symposium on Steroids and Bone, Plenary Speaker, Florence, Italy, May 1994
- Ninth Vitamin D Workshop, Plenary Speaker, Orlando, Florida, May 1994
- Symposium on Endocrine Resistance in Breast Cancer, Cambridge, England, September 1994
- Ninth International Congress on Hormonal Steroids, Dallas, Texas, September 1994
- University of Wisconsin, Madison, Reproductive Biology Program, November 1994
- Michigan State University, Cancer Center, December 1994
- American Association for Cancer Research Symposium on the Nuclear Receptor Superfamily of transcription Factors, Whistler, British Columbia, January 1995
- Breast Cancer Think Tank Meeting, January 1995
- University of Virginia, Charlottesville, Reproductive Biology Program, April 1995
- Southwestern Medical School at Dallas, Physiology, Biochemistry and Reproductive Sciences, April 1995
- Schering Workshop on Gene Regulation by Hormones, Berlin, Germany, May 1995
- Society for the Study of Reproduction, 28th Annual Meeting, Plenary State-of-the-Art lecture, Davis, California, July 1995
- Gordon Research Conference on Hormonal Carcinogenesis, August 1995
- Fourth International Bone Forum, Yokohama, Japan, November 1995
- Breast Cancer Think Tank Meeting, January 1996
- Vanderbilt University Medical School, Reproductive Biology Program, February 1996
- Oregon Health Sciences University and Oregon Regional Primate Center, Portland, March 1996
- Keystone Symposium on Steroid/Thyroid/Retinoic Acid Gene Family, Lake Tahoe, California, March 1996
- American Association for Cancer Research, Annual Meeting Symposium Lecture, Washington DC, April 1996
- Tenth International Congress of Endocrinology, Plenary Speaker, San Francisco, June 1996
- 21st Meeting of the International Association for Breast Cancer Research, Paris, France, July 1996
- University of Colorado Health Sciences Center, Denver, Cell and Molecular Biology Program, September 1996
- University of Wisconsin, Madison, Steroid Receptor Superfamily Symposium, September 1996
- University of Texas Southwestern Medical Center, Dallas, Reeves Symposium on Breast Cancer Research, October 1996
- Komen Foundation Breast Cancer Symposium, Dallas, October 1996
- 19th Annual San Antonio Breast Cancer Symposium, Plenary Speaker, December 1996
- 7th Annual Breast Cancer Think Tank Meeting, Georgetown University Medical Center, January 1997
- University of Michigan, Ann Arbor, Cell and Molecular Biology Program, February 1997
- American Physiological Society, In Focus Experimental Biology 1997, Washington DC, Symposium Organizer and Speaker, April 1997
- EMBO Workshop on Nuclear Receptors, Sicily, May 1997
- Frontiers in Estrogen Action, Key West, Florida, May 1997
- International Union Against Cancer (UICC) Meeting on Cancer Research, Woods Hole, MA, June 1997
- Gordon Research Conference on Hormone Action, New Hampshire, August 1997
- NCI, NIH, Breast Cancer Program Review Workshop, September 1997
- American Cancer Society Schilling Symposium, Santa Cruz, CA, September 1997

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- Estrogen Action Workshop, Newark, New Jersey, October 1997
Department of Defense, Army Breast Cancer “Era of Hope” Program, Washington, DC, November 1997
Signal Pharmaceutical Co., San Diego, CA, November 1997
8th Annual Breast Cancer Think Tank Meeting, Georgetown University Medical Center, January 1998
Keystone Symposium, Nuclear Receptor Gene Family, Lake Tahoe, CA, March 1998
9th Thomas Muldoon Memorial Lecture, Medical College of Georgia, Augusta, May 1998
University of Illinois Functional Foods for Health Symposium, Allerton, IL, May 1998
Frontiers in Estrogen Action, San Juan, Puerto Rico, May 1998
Endocrine Society, Symposium on Receptor Pharmacology, New Orleans, June 1998
Karolinska Institute and Karo Bio, Stockholm, Sweden, June 1998
Merck Pharmaceutical Company, Rahway, New Jersey, September 1998
University of Illinois, Conference on Estrogens and Human Health, Urbana, IL, October 1998
Breast Cancer Research Foundation, Forum on Hormones and Breast Cancer, New York City, NY, October 1998
The Ray A. and Robert L. Kroc Lectureship, University of Texas-Houston Health Science Center and M. D. Anderson Cancer Center, 1998
Dana Farber Cancer Institute, Harvard Medical School, Boston, MA, December 1998
9th Annual Breast Cancer Think Tank Meeting, Georgetown University Medical Center Washington, DC, January 1999
Society for Gynecologic Investigation, Symposium Lecture, Atlanta, GA, March 1999
Keystone Symposium, Molecular Pathogenesis of Bone Diseases, Lake Tahoe, CA, March 1999
Frontiers in Estrogen Action, Los Angeles, CA, April 1999
American Association for Cancer Research, Symposium Lecture, Philadelphia, PA, April 1999
Cancer Biology Seminar Series, University of Chicago, May 1999
Nobel Symposium on Estrogens and Women's Health – Benefit or Threat?, Karlskoga, Sweden, July 1999
Recent Progress in Hormone Research Conference, Stevenson, WA, August 1999
Progesterins and Antiprogestins at the Millennium, International Hormones and Cancer Satellite Meeting, Jerusalem, Israel, August 1999
International Hormones and Cancer Congress, Jerusalem, Israel, September 1999
Women's Health Institute, Wyeth-Ayerst, Philadelphia, PA, September 1999
Champaign-Urbana Cancer Conference, Keynote Speaker, Champaign, IL, September 1999
Radiation Oncology Training Program, University of Illinois, September 1999
Symposium on SERMs: Implication for Prevention and Treatment of Cancer, Fox Chase Cancer Center, Philadelphia, PA, November 1999
Olof Pearson Lectureship, Case Western Reserve University Cancer Center, Cleveland, OH, November 1999
NIEHS Distinguished Lecture Series, Research Triangle Park, NC, February 2000
University of Utah and Society for Gynecological Investigation, Reproductive Sciences 2000: Technology in the Service of Biology, Salt Lake City, UT
Legacy Symposia of the Immokalee Foundation and American Cancer Society, Frontiers in Cancer Research, Tampa, FL, March 2000
Keystone Symposium, Nuclear Receptors 2000, Steamboat Springs, CO, March 2000
Frontiers in Estrogen Action, Palm Beach, FL, April 2000
NIH Workshop on the Selective Estrogen/Androgen Receptor Modulators (SERMs & SARMs), Bethesda, MD, April 2000

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11th International Congress of Endocrinology, Symposium Lecture, Sydney, Australia,
November 2000

International Conference on Hormones and Cancer, Port Douglas, Australia, November 2000

Distinguished Guest Lectureship, Baylor College of Medicine, Houston, TX, December 2000

Frontiers in Estrogen Action, Shannon, Ireland, April 2001

Nuclear Receptors Meeting, Oslo, Norway, August 2001

Center for Advanced Study, Eleventh Annual Lecture, University of Illinois at Urbana-Champaign, September 2001

Pharmaceutical Society of Korea International Conference, Plenary Lecture, Seoul, October 2001

Department of Physiology Seminar Series, Southern Illinois University, Carbondale, IL, November 2001

University of Maryland–Johns Hopkins University Lectureship in Reproductive Biology, Baltimore, MD, November 2001

12th Annual Breast Cancer Think Tank Meeting, St. Maarten, Netherlands Antilles, January 2002

Signal Transduction Colloquium, Duke University Medical Center, Durham, NC, February 2002

Seminars in Molecular Medicine, Northwestern University Medical School, Evanston, IL, March 2002

Frontiers in Estrogen Action, Amelia Island, FL, April 2002

Keystone Symposium, Nuclear Receptor Superfamily 2002, Snowbird, UT, April 2002

ENDO 2002 – 84th Annual Endocrine Society Meeting, Symposium Lecture, San Francisco, June 2002

Breast Cancer Targeted Therapies, Maui, HI, July 2002

Indiana University, Department of Biology, Bloomington, IN, October 2002

Greater New Orleans Foundation (GNOF) Distinguished Lecture on Women's Health and the Environment at e.hormone 2002, New Orleans, LA, October 2002

National Institutes of Health Conference on The Women's Health Initiative and Menopausal Hormone Therapy, Bethesda, MD, October 2002

Anita Payne Lecture, University of Michigan Reproductive Sciences Program and Annual Poster Day, Ann Arbor, MI, November 2002

13th Annual Breast Cancer Think Tank Meeting, Aruba, Dutch Caribbean, January 2003

Illinois State University, Seminar, Department of Biochemistry and Molecular Biology, Bloomington, IL, March 2003

Frontiers in Estrogen Action, The Homestead, Hot Springs, VA, April 2003

EMBO Workshop, Biology of Nuclear Receptors, Villeneuf-sur-Mer, France, June 2003

Breast Cancer Targeted Therapies, Kona, HI, July 2003

Society of the Study of Reproduction, Plenary State-of-the-Art Lecture, A 2003 Perspective of Estrogen Receptor Mechanisms and Cellular Regulation, Cincinnati, OH, July 2003

American Association for Cancer Research, Advances in Breast Cancer Research: Genetics, Biology, and Clinical Implications, Huntington Beach, CA, October, 2003

Massachusetts General Hospital, Endocrine Grand Rounds, Harvard Medical School, Boston, MA, November 2003

Nuclear Receptors and Endocrine Disorders, Jensen Symposium on Nuclear Receptors and Endocrine Diseases, Cincinnati, OH, December 2003

14th Annual Breast Cancer Think Tank Meeting, St. Kitts, West Indies, January 2004

Keystone Symposium, Nuclear Receptors, Keystone, CO, February 2004

American Association for Cancer Research 95th Annual Meeting, Nuclear Receptors and Cancer Prevention, Chairperson and Symposium lecture, Orlando, FL, March 2004

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- Midwest Breast Institute and University of Illinois College of Medicine, Targeting Breast Cancer: Genomic Approaches toward Advances in Prevention and Treatment, Urbana, IL, April 2004
- National Institute on Aging, Workshop on Biology of the Perimenopause: Impact on Health and Aging, Bethesda, MD, May 2004
- FASEB Summer Research Conference, Steroid Hormone Receptors: Integration of Plasma-Membrane and Nuclear-Initiated Signaling in Hormone Action, Tucson, AZ, July 2004
- 12th International Congress of Endocrinology, Symposium Lecture, Lisbon, Portugal, August 2004
- 2nd Symposium on Estrogens and Human Health, University of Illinois, October 2004
- Breast Cancer Research Foundation, Symposium on The Biology of Breast Cancer, New York, NY, October 2004
- American Association for Cancer Research, Advances in Cancer Prevention, Seattle, WA, October 2004
- 15th Annual Breast Cancer Think Tank Meeting, Grand Cayman, January 2005
- Keystone Symposium, Hormonal Regulation of Tumorigenesis, Keystone, CO, February 2005
- MD Anderson Cancer Center, Houston, TX, Distinguished Lectureship in Oncology, February 2005
- NIEHS/NIH Distinguished Scientist Lecture, Research Triangle Park, NC, March 2005
- University of Illinois at Chicago Cancer Center Grand Rounds Seminar, Chicago, IL, March 2005
- University of Texas Southwestern Medical Center at Dallas, Department of Biochemistry and Molecular Biology, April 2005
- 8th Frontiers in Nuclear Receptor Action, Phoenix, AZ, April 2005.
- ENDO 2005 – 87th Annual Endocrine Society Meeting, Symposium Lecture, San Diego, CA, June 2005
- 8th Annual Targeted Therapies for the Treatment of Breast Cancer Symposium, Dana Point, CA, July 2005
- Keystone Symposium, Tissue Selective Nuclear Receptors, Breckenridge, CO, September 2005
- 16th Annual Breast Cancer Think Tank Meeting, Grand Cayman, January 2006
- Ernst Schering Foundation Symposium, Tissue-Specific Estrogen Actions: Novel Mechanisms, Novel Ligands, Novel Therapies?, Berlin, Germany, March 2006
- Keystone Symposium, Nuclear Receptors: Steroid Sisters, Banff, Canada, March 2006
- 9th Frontiers in Nuclear Receptor Action, April 2006
- Roy O. Greep Award lecture, ENDO 2006, 88th Annual Endocrine Society Mtg., Boston, June 2006
- ASCO, Development of Molecular Therapeutics in Breast Cancer, Aspen, CO, August 2006
- 12th International Congress on Hormonal Steroids and Hormones and Cancer, Plenary Lecture, Athens, Greece, September 2006
- Saint Louis University School of Medicine, Louis D'Agrosa Memorial Lecture Speaker, October 2006
- Washington University School of Medicine, Department of Oncology, October 2006
- 17th Annual Breast Cancer Think Tank Meeting, Cancun, Mexico, January 2007
- University of Virginia, Departments of Microbiology and Molecular Biology and Cancer Center, Charlottesville, February 2007
- 10th Frontiers in Nuclear Receptor Action Conference, April 2007
- EMBO Conference on Nuclear Receptors in Health and Disease, Hotel Gardone Riviera, Italy, May 2007

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- International Conference on Rapid Responses to Steroid Hormones, Dublin, Ireland, September 2007
- University of Michigan, 125th Year Celebration of the Department of Physiology, Keynote Speaker, September 2007
- 39th International Congress of Pharmacology and Experimental Therapeutics, Keynote Speaker, Sao Paulo, Brazil, October 2007
- University of Milan, Italy, Laurea ad Honorem Ceremony, Research Lecture, November 2007
- Fred Hutchinson Cancer Research Center, University of Washington, Seattle, December 2007
- 18th Annual Breast Cancer Think Tank Meeting, Kona, Hawaii, January 2008
- Keystone Conference on the Nuclear Receptor Superfamily, Plenary Symposium Talk, Whistler, Canada, March 2008
- 11th Frontiers in Nuclear Receptor Action Conference, Savannah, Georgia, April 2008
- NIH/NCI Meeting on Hormone Refractory Tumors, Bethesda, Maryland, May 2008
- Distinguished Scientist Award lecture, Clinical Laboratory Assay Society, Coral Gables, Florida, June 2008
- FASEB Conference on Extranuclear Steroid Receptors and Integration with Multiple Signaling Pathways, Carefree, Arizona, July 2008
- Nobel Conference on “Recent Advances in Understanding Estrogen Signaling: From Molecular Insights to Clinical Implications”, Keynote Speaker, Stockholm, Sweden, September 2008
- 19th Annual Breast Cancer Think Tank Meeting, Costa Rica, January 2009
- 12th Nuclear Receptor Frontiers Meeting, Sanibel, Florida, April 2009
- Gordon Research Conference on Hormone Action in Development and Cancer, Keynote Address, Holderness School, New Hampshire, July 2009
- 2nd Jensen Symposium on Nuclear Receptors, University of Cincinnati Medical Center, October 2009
- Chinese Medicinal Chemistry Symposium, Plenary Talk, Wuhan, China, October 2009
- Wuhan University, Life and Chemical Sciences Division, Wuhan, China, October 2009
- Komen Brinker Award Lecture, San Antonio Breast Cancer Symposium, San Antonio, TX, December 2009
- 20th Annual Breast Cancer Think Tank Meeting, Barbados, January 2010
- Keystone Symposium on Nuclear Receptors: Signaling, Gene Regulation, and Cancer/Nuclear Receptors: Development, Physiology and Disease, Plenary Talk, Keystone, Colorado, March 2010
- 13th Nuclear Receptor Frontiers Meeting, Philadelphia, PA, April 2010
- Ewha Women’s University, Department of Pharmaceutical Sciences, Seoul, Korea, May 2010
- 10th International Aromatase and Steroid Hormones Congress, Edinburgh, Scotland, September 2010
- 4th Great Lakes Nuclear Receptor Meeting, Keynote Speaker, Ann Arbor, MI, October 2010
- Young Survivors Breast Cancer Coalition Forum, Invited Speaker, Champaign, IL, October 2010
- Botanical Research Centers Annual Meeting, Rockville, MD, November 2012
- 21st Annual Breast Cancer Think Tank Meeting, Jamaica, January 2011
- First International Steroids Research Conference, Chicago, IL, March 2011
- 14th Nuclear Receptors Frontiers Meeting, Washington, D.C., April 2011
- Karolisuka Symposium on Advances in Estrogen Receptor Beta Research, Keynote Speaker, Stockholm, Sweden, May 2011
- Endocrine Society Annual Meeting, Plenary Lecture, Boston, MA, June 2011

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Botanical Research Centers Annual Meeting, Wake Forest Univ., Winston-Salem, NC, Nov. 2011

22nd Annual Breast Cancer Think Tank Meeting, Riviera Maya, Mexico, January 2012
Northwestern University and Medical School, Chicago, Reproductive Sciences and Endocrinology Programs, February 2012

University of Texas Southwestern Medical School, Dallas, Reproductive Sciences and Molecular and Cellular Biology, February 2012

University of Illinois Cancer Center, Research Forum, Chicago, Keynote Speaker, March 2012
15th Nuclear Receptors Frontiers Meeting, Fort Myers, FL, May 2012

FASEB Meeting on Integration of Steroid Receptor Signaling, Snowmass, CO, July 2012

NIEHS Distinguished Lecture Series, Research Triangle, NC, September 2012

Botanical Research Centers Annual Meeting, NIH Bethesda, MD, November 2012

23rd Annual Breast Cancer Think Tank Meeting, Dominican Republic, January 2013

AACR 104th Annual Meeting, Washington, DC, April 2013

Botanical Research Centers Annual Meeting, Baton Rouge, LA, November 2013

University of Pittsburgh School of Medicine, Pharmacology & Chemical Biology, November 2013

Keystone Symposium on Nuclear Receptors: Biological Networks, Genome Dynamics and Disease, Invited Speaker, Taos, NM, January 2014

Interdisciplinary Environmental Toxicology Seminar, University of Illinois at Urbana-Champaign, February 2014

18th Annual Laura Evans Memorial Breast Cancer Symposium, Sun Valley, ID, March 2014

Endocrine Society of Australia Annual Meeting, Plenary Speaker, Melbourne, Australia, August 2014

Cold Spring Harbor Laboratory Nuclear Receptors and Disease, Cold Spring Harbor, NY October 2014

25th Annual Breast Cancer Think Tank Meeting, Grand Cayman, January 2015

Breast Cancer Research Foundation Symposium on Breast Cancer Therapy Resistance, Memorial Sloan Kettering Cancer Center, New York, NY, October 2015

3rd Congress on Steroid Research, Chicago, IL, November 15-18, 2015

26th Annual Breast Cancer Think Tank Meeting, St. Kitts, January 2016

ENDO 2016 Annual Meeting and Expo, Symposium and Lecture, Boston, MA, April 2016

Deans Distinguished Lecture, University of Arkansas for Medical Sciences, Little Rock, AR, April 2016

Symposium on Estrogens and Tissue Selective Estrogen Actions in Women's Health, Pfizer, Tampa, FL, April 2016

Seminar, Université de Toulouse Medical Center and Toulouse Cancer Center, Toulouse, France, June 22, 2016.

Cancer Cell Signaling Seminar, Loyola Medical Center, Cardinal Bernardin Cancer Center, Chicago, IL, September 28, 2016

27th Annual Breast Cancer Think Tank Meeting, St. Kitts, January 2017

28th Annual Breast Cancer Think Tank Meeting, Curacao, January 2018

Keynote Speaker, Computational Genomics in Cancer Workshop, Univ. of Illinois, March 2018
Symposium on Hormones and Cancer, Speaker and Session Chairperson, ENDO 2018 Annual

Meeting, Chicago, IL, March 2018

AACR Annual Meeting 2018, Chicago, IL April 14-18, 2018

Seminar, University of Chicago Medicine Comprehensive Cancer Center, Chicago, IL, October 4-5, 2018

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- 29th Annual Breast Cancer Think Tank Meeting, Riviera Maya, Mexico, January 2019
Komen Breast Cancer Foundation, Peoria, IL, February 2019
ENDO 2019 Annual Meeting and Expo, Symposium Lecture, New Orleans, LA March 2019
NIEHS Distinguished Lecture, Research Triangle, NC, May 2019
Georgetown University Medical Center - Oncology Grand Rounds, November 2019
30th Annual Breast Cancer Think Tank Meeting, Marathon, FL, January 2020
2nd Nuclear Receptors Conference: New Roles for Nuclear Receptors in Development, Health
and Disease, Nassau, Bahamas, February 2020
Play for P.I.N.K., Breast Cancer Research Foundation, Presentation on Breast Cancer and
Research Progress, October 2020
Indiana University Simon Cancer Center, Oncology Seminar, Indianapolis, IN, April 2020,
delayed to January 2021 due to Covid19 pandemic
32nd Annual Breast Cancer Think Tank Meeting, Key Largo, Florida, Jan.9-15, 2022
Loyola University Chicago, Cancer Biology Seminar Loyola University, via Zoom,
Feb. 23, 2022
33rd Annual Breast Cancer Think Tank Meeting, St. Lucia, Jan.8-14, 2023
34th Annual Breast Cancer Think Tank Meeting, St. Croix, Jan.14-20, 2024

Publications (Excluding Abstracts and Book Chapters):

1. Katzenellenbogen, B. S., and Kafatos, F. C. Some properties of silkworm moulting gel and moulting fluid. J. Insect Physiol. 16:2241-2256, 1970.
2. Katzenellenbogen, B. S., and Kafatos, F. C. Proteinases of silkworm moulting fluid: Physical and catalytic properties. J. Insect Physiol. 17:775-800, 1971.
3. Katzenellenbogen, B. S., and Kafatos, F. C. Inactive proteinases in silkworm moulting gel. J. Insect Physiol. 17:823-832, 1971.
4. Katzenellenbogen, B. S., and Kafatos, F. C. General esterases of silkworm moulting fluid: Preliminary characterization. J. Insect Physiol. 17: 1139-1151, 1971.
5. Katzenellenbogen, B. S., and Gorski, J. Estrogen action in vitro. Induction of the synthesis of a specific uterine protein. J. Biol. Chem. 247:1299-1305, 1972. **PMID:** [4335193](#)
6. Ruh, T. S., Katzenellenbogen, B. S., Katzenellenbogen, J. A., and Gorski, J. Estrone interaction with the rat uterus: In vitro response and nuclear uptake. Endocrinology 92:125-134, 1973. **PMID:** [4681918](#)
7. Gorski, J., Katzenellenbogen, B. S., and DeAngelo, A. Gene expression as a site of estrogen action. Proceedings of the Fourth International Congress of Endocrinology. Excerpta Medica International Congress Series 273:388-393, 1973. **PMID:**
8. Katzenellenbogen, B. S., and Katzenellenbogen, J. A. Antiestrogens: Studies using an in vitro estrogen-responsive uterine system. Biochem. Biophys. Res. Comm. 50:1152-1159, 1973. **PMID:** [4347895](#)
9. Katzenellenbogen, B. S., and Williams, L. B. Uterine estrogen-induced protein: Physical and immunological comparison with ovalbumin. Proc. Natl. Acad. Sci. USA 71:1281-1285, 1974. **PMID:** [4133849](#)
10. Katzenellenbogen, B. S., and Leake, R. E. Distribution of the oestrogen-induced protein, IP, and of total protein between endometrial and myometrial fractions of the immature and mature rat uterus. J. Endocrinol. 63:439-449, 1974. **PMID:** [4452816](#)
11. Katzenellenbogen, B. S., and Greger, N. G. Ontogeny of uterine responsiveness to estrogen during early development in the rat. Mol. Cell. Endocrinol. 2:31-42, 1974. **PMID:** [4455530](#)
12. Katzenellenbogen, B. S. Synthesis and inducibility of the estrogen-induced protein, IP, during the rat estrous cycle: Clues to uterine estrogen sensitivity. Endocrinology 96:289-297, 1975. **PMID:** [163181](#)
13. Katzenellenbogen, J. A., Hsiung, H. M., Carlson, K. E., McGuire, W. L., Kraay, R. J., and Katzenellenbogen, B. S. Iodohexestrols II: Characterization of the binding and estrogenic character of iodinated hexestrol derivatives, in vitro and in vivo. Biochemistry 14:1742-1750, 1975. **PMID:** [164893](#)

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BENITA S. KATZENELLENBOGEN

Page 21 – Articles in Journals

14. Katzenellenbogen, B. S., and Ferguson, E. R. Antiestrogen action in the uterus: Biological ineffectiveness of nuclear bound estradiol after antiestrogen. Endocrinology 97:1-12, 1975. **PMID: [166821](#)**
15. Lan, N. C., and Katzenellenbogen, B. S. Temporal relationships between hormone receptor binding and biological responses in the uterus: Studies with short- and long-acting derivatives of estriol. Endocrinology 98:220-227, 1976. **PMID: [174891](#)**
16. Schmidt, W. N., Sadler, M. A., and Katzenellenbogen, B. S. Androgen-uterine interaction: Nuclear translocation of the estrogen receptor and induction of the synthesis of the uterine induced protein (IP) by high concentrations of androgens in vitro but not in vivo. Endocrinology 98:702-716, 1976. **PMID: [177269](#)**
17. Ferguson, E. R., and Katzenellenbogen, B. S. A comparative study of antiestrogen action: Temporal patterns of antagonism of estrogen stimulated uterine growth and effects on estrogen receptor levels. Endocrinology 100:1242-1251, 1977. **PMID: [849721](#)**
18. Katzenellenbogen, B. S., Ferguson, E. R., and Lan, N. C. Fundamental differences in the action of estrogens and antiestrogens on the uterus. Comparison between compounds with similar duration of action. Endocrinology 100:1252-1259, 1977. **PMID: [849722](#)**
19. Tsai, T. L., and Katzenellenbogen, B. S. Antagonism of development and growth of 7,12-dimethylbenz(a)anthracene-induced rat mammary tumors by the antiestrogen U23,469 and concomitant effects on estrogen and progesterone receptors. Cancer Research 37:1537-1545, 1977. **PMID: [404032](#)**
20. Bhakoo, H. S., and Katzenellenbogen, B. S. Progesterone antagonism of estradiol-stimulated uterine "Induced Protein" synthesis. Mol. Cell. Endocrinol. 8:105-120, 1977. **PMID: [72697](#)**
21. Bhakoo, H. S., and Katzenellenbogen, B. S. Progesterone modulation of estrogen-stimulated uterine biosynthetic events and estrogen receptor levels. Mol. Cell. Endocrinol. 8:121-124, 1977. **PMID: [924010](#)**
22. Katzenellenbogen, B. S., Iwamoto, H. S., Heiman, D., Lan, N. C., and Katzenellenbogen, J. A. Stilbestrols and stilbestrol derivatives: Estrogenic potency and temporal relationships between estrogen receptor binding and uterine growth. Mol. Cell. Endocrinol. 10:103-113, 1978. **PMID: [564791](#)**
23. Katzenellenbogen, B. S., Katzenellenbogen, J. A., Ferguson, E. R., and Krauthammer, N. Antiestrogen interaction with uterine estrogen receptors. Studies with a radiolabeled antiestrogen (CI-628). J. Biol. Chem. 253:697-707, 1978. **PMID: [621199](#)**
24. Pavlik, E. J., and Katzenellenbogen, B. S. Human endometrial cells in primary tissue culture: Estrogen interactions and modulation of cell proliferation. J. Clin. Endocrinol. Metab. 47:333-344, 1978. **PMID: [263301](#)**
25. Katzenellenbogen, B. S., Katzenellenbogen, J. A., and Mordecai, D. Zearalenones: Characterization of the estrogenic potencies and receptor interactions of a series of fungal β -resorcylic acid lactones. Endocrinology 105:33-40, 1979. **PMID: [446414](#)**

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26. Schmidt, W. N., and Katzenellenbogen, B. S. Androgen-uterine interactions: An assessment of androgen interaction with the testosterone and estrogen receptor systems and stimulation of uterine growth and progesterone receptor synthesis. *Mol. Cell. Endocrinol.* 15:91-108, 1979.
PMID: [499651](#)
27. Pavlik, E. J., Rutledge, S., Eckert, R., and Katzenellenbogen, B. S. Localization of estrogen receptors in uterine cells: An appraisal of translocation. *Exper. Cell Res.* 123:177-189, 1979.
PMID: [488181](#)
28. Katzenellenbogen, B. S., Bhakoo, H. S., Ferguson, E. R., Lan, N. C., Tatee, T., Tsai, T. L., and Katzenellenbogen, J. A. Estrogen and antiestrogen action in reproductive tissues and tumors. *Recent Prog. Horm. Res.* 35:259-300, 1979. **PMID:** [229525](#)
29. Navickis, R. J., Dial, O. K., Katzenellenbogen, B. S., and Nalbandov, A. V. Effects of the gonadal hormones on calcium-binding proteins in the chick duodenum. *Amer. J. Physiol. (Endo. Metab. and GI Physiol.)* 237:E409-E417, 1979. **PMID:** [227275](#)
30. Hammond, B., Katzenellenbogen, B. S., Krauthammer, N., and McConnell, J. Estrogenic activity of the insecticide Chlordcone (Kepone) and interaction with uterine estrogen receptors. *Proc. Natl. Acad. Sci. U.S.* 76:6641-6645, 1979. **PMID:** [93289](#)
31. Tsai, R. L., Rutledge S., and Katzenellenbogen, B. S. Antiestrogen modulation of the growth and properties of ovarian dependent and ovarian-independent mammary tumors in rats. *Cancer Res.* 39:5043-5050, 1979. **PMID:** [227594](#)
32. Navickis, R. J., Katzenellenbogen, B. S., and Nalbandov, A. V. Effects of the sex steroid hormones and vitamin D₃ on calcium-binding protein in the chick shell gland. *Biology of Reproduction* 21:1153-1162, 1979. **PMID:** [229921](#)
33. Tatee, T., Carlson, K. E., Katzenellenbogen, J. A., Robertson, D. W., and Katzenellenbogen, B. S. Antiestrogens and antiestrogen metabolites: Preparation of tritium-labeled U-23469 and characterization and synthesis of a biologically-important metabolite. *J. Med. Chem.* 22:1509-1517, 1979. **PMID:** [536996](#)
34. Katzenellenbogen, B. S. Dynamics of steroid hormone receptor action. *Ann. Review Physiol.* 42:17-35, 1980. **PMID:** [6996577](#)
35. Katzenellenbogen, B. S., Lan, N. C., and Rutledge, S. K. Estrogen receptors of human endometrium: Characterization of nuclear and cytoplasmic forms and comparisons with rat uterine receptors. *J. Steroid Biochem.* 13:113-122, 1980. **PMID:** [7382488](#)
36. Rorke, E. A., and Katzenellenbogen, B. S. Comparative effects of estrogen and antiestrogens on enzyme activities in R3230AC rat mammary tumors and uteri of tumor-bearing animals. *Cancer Res.* 40:3158-3162, 1980. **PMID:** [6253055](#)
37. DeBoer, W., Notides, A. C., Katzenellenbogen, B. S., Hayes, J. R., and Katzenellenbogen, J. A. The capacity of the antiestrogen CI-628 to activate the estrogen receptor *in vitro*. *Endocrinology* 108:206-212, 1981. **PMID:** [7007019](#)

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38. Pavlik, E. J., and Katzenellenbogen, B. S. Stability of the uterine estrogen receptor when complexed with estrogens or antiestrogens. Mol. Pharmacol. 18:406-412, 1980. **PMID:** [7464805](#)
39. Hayes, J. R., Rorke, E. A., Robertson, D. W., Katzenellenbogen, B. S., and Katzenellenbogen, J. A. Biological potency and uterine estrogen receptor interactions of the metabolites of the antiestrogens CI628 and U23,469. Endocrinology 108:164-172, 1981. **PMID:** [7007017](#)
40. Kneifel, M. A., and Katzenellenbogen, B. S. Comparative effects of estrogen and antiestrogen on plasma renin substrate levels and hepatic estrogen receptors in the rat. Endocrinology 108:545-552, 1981. **PMID:** [7004858](#)
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302. Nwachukwu JC, Njeri JW, Venables T, Seath C, Pipkin ME, Yingwei Hou Y, Katzenellenbogen BS, Katzenellenbogen JA, Nettles KW. A New Model for Estrogen Receptor-alpha Antagonist Mechanism of Action. ENDO 2023: Annual Meeting & Expo, Chicago, IL, June 15-18, 2023.
303. Vorderbruggen M, Rikhtechi P, Munoz-Trujillo C, Liu C, Matherly L, Kim SH, Katzenellenbogen B, Katzenellenbogen J, Garrison JC, and Karpf AR. Development of Folate Receptor Alpha Targeted FOXM1 Small Molecule Inhibitors for Ovarian Cancer. AACR Special Conference: Ovarian Cancer, Boston, MA, October 2023.
304. Zhou V, Moat L, Yu M, Parashar D, Shour A, Zhang L, Kitchner T, Shukla S, Guo S, Ananiev G, Katzenellenbogen B, Katzenellenbogen J, Onitilo A, Janz S, Wen Z. Inhibiting FOXM1 sensitizes myeloma cells to BCL2 inhibitor Venetoclax by repressing MYC pathway. American Society of Hematology, 65th Annual Meeting, San Diego, CA, Dec. 2023.

Curriculum Vitae**BENITA S. KATZENELLENBOGEN****Page 86 – Graduate Students and Postdoctoral Associates**

Names and Positions of Former Graduate Students and Postdoctoral Associates

Ph.D. Students of Benita Katzenellenbogen

| | | |
|-----------------------|-------------------------|---|
| Gary Coffman | Ph.D. 1974 | Professor, Department of Biology Webster University, St. Louis, MO |
| Evan R. Ferguson | Ph.D. 1976 | Past Director, Sigma Xi Raleigh, NC (deceased) |
| Hemlata Sehgal Bhakoo | Ph.D. 1976 | Director, IVF Andrology Laboratory 4510 Main Street, Snyder, NY |
| Roberta J. Navickis | Ph.D. 1978 | Partner, Hygeia Associates, Biomedical Consulting Company, Grass Valley, CA |
| Warren N. Schmidt | Ph.D. 1978 M.D. 1989 | Professor, Department of Internal Medicine, University of Iowa College of Medicine, Iowa City, Iowa |
| Richard L. Eckert | Ph.D. 1981 | John F.B. Weaver, Professor and Chair, University of Maryland School of Medicine, Department of Biochemistry and Molecular Biology, Baltimore, MD |
| James R. Hayes | Ph.D. 1982 M.D. 1988 | Adjunct Professor, Department of Ob-Gyn, Medical College of Wisconsin, and private practice, Milwaukee, WI |
| Lisa L. Wei | Ph.D. 1984 | Special Advisor to the Office of the Director NEI (National Institutes of Health) Biotechnology Washington, DC |
| Alaka Mullick | Ph.D. 1986 | Senior Scientist, Cancer Institute, University of Montreal Montreal, Canada |
| Yhun Yhong Sheen | Ph.D. 1986 | Professor and Head of Dept., Ewha Women's University, Department of Pharmacology, Seoul, Korea |
| Thomas W. Toney | Ph.D. 1986 | Professor, Department of Biology Georgia College Milledgeville, GA |

Curriculum Vitae

BENITA S. KATZENELLENBOGEN

Page 87 – Graduate Students and Postdoctoral Associates

| | | |
|------------------------|--------------------------|--|
| Kari L. Kendra | Ph.D. 1987 M.D. 1992 | Professor in Hematology and Oncology, Ohio State University Medical School, Columbus, OH |
| Jonathan F. Elliston | Ph.D. 1987 | Biotechnology Patents, Baylor College of Medicine, Houston, TX |
| Ann M. Nardulli | Ph.D. 1987 | Professor, Dept. of Molecular and Integrative Physiology, University of Illinois, Urbana, IL (deceased) |
| Linnea R. (Read) Boyev | Ph.D. 1990, M.D. 1993 | Adjunct Faculty, Division of Health and, Sciences and School of Nursing, Oakton Community College, Des Plaines, IL |
| Joseph C. Reese, Jr. | Ph.D. 1992 | Professor Dept. of Biochemistry & Molecular Biol., Pennsylvania State University, College Station, PA |
| Hyeseong Cho | Ph.D. 1992 | Professor and Chairperson, Department of Biochemistry, Ajou University School of Medicine, Suwon, Korea |
| Susan M. Aronica | Ph.D. 1993 | Professor and Head Dept. of Biology, Canisius College, Buffalo, NY (deceased 2016) |
| William Lee Kraus | Ph.D. 1994 | Director and Professor, Cecil H & Ida Green Center for Reproductive Biology Sciences, Professor & Chair for Basic Science, Dept. of Ob/Gyn, Professor, Department of Pharmacology, University of Texas Southwestern Medical Center at Dallas, Dallas, TX |
| B. Avery Ince | Ph.D. 1994, M.D. 1997 | Vice President, Clinical Development and Medical Affairs, Janssen Pharmaceuticals, Johnson & Johnson, Beijing, China and Boston, MA |
| Mary E. Herman | Ph.D. 1995 | Faculty member, Medical School Penang, Malaysia |
| Eileen M. McInerney | Ph.D. 1997 | Research Scientist, UCSD, La Jolla, CA |

Curriculum Vitae**BENITA S. KATZENELLENBOGEN****Page 88 – Graduate Students and Postdoctoral Associates**

| | | |
|----------------------|-------------------------|--|
| James A. Thomas | Ph.D. 2000 | Research Scientist, AIDS Vaccine Program SAIC-Frederick, Inc. National Cancer Institute Frederick, MD |
| Tracy R. Ediger | Ph.D. 2002 M.D. 2003 | Residency in Gastroenterology, Harvard Medical School, Boston, MA now Physician and Research Clinician, Pediatric Gastroenterology & Hepatology & Nutrition Nationwide Children's Hospital 700 Children's Dr., Columbus, OH |
| Jun Sun | Ph.D. 2002 | Senior Scientist Braman Breast Cancer Institute Univ. of Miami Medical Center Miami, FL |
| Ramji R. Rajendran | Ph.D. 2002 M.D. 2005 | Residency in Radiation Oncology, Univ. of Pennsylvania Medical Center, Philadelphia, PA, now Physician at Chicago Area Cancer Care, Radiation Oncology Consultants, Chicago, IL |
| Seongeun Park | Ph.D. 2004 | Senior Scientist and Director of Core Laboratories Samsung Biomedical Research Institute School of Medicine, Sungkyunkwan University, Suwon, Korea |
| William Harrington | Ph.D. 2005 | University of Toronto Toronto, Canada |
| Edmund Chang | Ph.D. 2007 | Senior Scientist Baylor College of Medicine, Center for Gene Therapy, Genome Center, Houston, TX; then Scientist at Kite Pharma, Santa Monica, CA; now Senior Scientist at Takeda Pharmaceuticals, Cambridge, MA |
| Joshua Stender | Ph.D. 2007 | Senior Scientist II, AbbVie Pharmaceuticals, Inc. North Chicago, IL |
| Shubin Sheng | Ph.D. 2007 | Senior Biostatistician Cytel Corp. Cambridge, MA |
| Zeynep Madak-Erdogan | Ph.D. 2009 | Associate Professor University of Illinois, Department of Food Science and Human Nutrition |

Curriculum Vitae**BENITA S. KATZENELLENBOGEN****Page 89 – Graduate Students and Postdoctoral Associates**

Urbana, IL

| | | |
|--------------------------|-------------------------|---|
| Daniel Barnett | Ph.D. 2010 M.D. 2011 | Resident in Radiation Oncology University of Wisconsin, Madison School of Medicine and Public Health Madison, WI; currently Radiology physician at Carle Foundation Hospital and Assistant Professor at Univ. of Illinois College of Medicine, Urbana, IL |
| Shweta Bhatt | Ph.D. 2010 | Director – Medical Innovation and Clinical Diagnostics, Daksh Med Ventures Inc., New Delhi, India |
| Cory Funk | Ph.D. 2010 | Senior Scientist Institute for Systems Biology University of Washington, Seattle, WA |
| Kyuri Kim | Ph.D. 2011 | Senior Scientist Stanford Research Institute (SRI) International, Palo Alto, CA |
| Sung-Hee Park | Ph.D. 2011 | Senior Scientist Duke University Medical Center Dept of Pharmacology & Cancer Biology Chapel Hill, NC |
| Nittaya Boonmuen | Ph.D. 2016 | Ph.D. Department of Physiology, Mahidol University, Rama 6 road, Bangkok 10400 Thailand |
| Valeria Sanabria Guillen | Ph.D. 2020 | BS Brown University, Providence, RI; Associate at Boston Consulting Group, Chicago, IL |

M.S. Students of Benita Katzenellenbogen

| | | |
|----------------------|-----------|--|
| Mary LeNoble Schrage | M.S. 1978 | High School Science Teacher, Columbia, MO |
| Mark A. Kneifel | M.S. 1980 | Veterinary Medical Group Practice, Wappingers Falls, NY |
| Norman Peterson | M.S. 1985 | University of Washington Veterinary Medical School, Seattle, WA; Clinical Practice |

Curriculum Vitae**BENITA S. KATZENELLENBOGEN****Page 90 – Graduate Students and Postdoctoral Associates**

| | | |
|------------------------|------------------------|---|
| Jeffrey Duncan | M.S. 1987 | Scientist, Merck, Sharp & Dohme, Saint Louis, MO |
| Kimberly McMahon Hines | M.S. 1988 | Senior Scientist, Pierce Chemical Company, Rockford, IL |
| Caroline Koppi | M.S. 1989 M.D. 1993 | University of Illinois Medical School, Chicago, IL; Clinical Practice |
| Peter A. Ng | M.S. 1991 | Unknown |
| Henry Fang | M.S. 1992 M.D. 1996 | M. D. Medical Practice Los Angeles, CA |
| Heather Herboldsheimer | M.S. 1994 | Medical Student, Chicago, IL; unknown |
| Chih-Yang Huang | M.S. 1995 | Associate Professor, Taiwan University |
| Anne Keller | M.S. 1995 | Research Associate, Abbott Laboratories, North Chicago, IL |
| Emily Gramling | M.S. 1997 | Research Associate, Northwestern University Med. School, Chicago, IL |

Postdoctoral Associates and Visiting Scientists of Benita Katzenellenbogen

| | | |
|------------------|-----------|--|
| Nancy L. Lan | 1974-1976 | (Ph.D., Kent State University) Associate Professor, Cal. Tech., Department of Pharmacology, Pasadena, CA |
| Ten-lin S. Tsai | 1975-1978 | (Ph.D., University of Illinois) Senior Scientist, Argonne National Laboratory, Batavia, IL |
| Edward J. Pavlik | 1976-1979 | (Ph.D., University of Tennessee) Prof., Dept of Ob/Gyn, Director, Basic Research in Gyn Oncology, Chandler Medical Center, University of Kentucky, Lexington |
| Tochiyo Tatee | 1978-1980 | (Ph.D., Japan) Research Chemist, Takada Chemical Co., Tokyo, Japan |
| Ellen A. Rorke | 1980-1983 | (Ph.D., University of California, Riverside) Professor, Department of Environmental Health Sciences, Case Western Reserve University, Cleveland, OH |

Curriculum Vitae
BENITA S. KATZENELLENBOGEN
Page 91 – Graduate Students and Postdoctoral Associates

| | | |
|---------------------|-----------|--|
| James R. Hayes | 1982-1983 | (Ph.D., University of Illinois, Urbana, M.D. Creighton Medical College) Adjunct Professor, Department of Ob/Gyn, Medical College of Wisconsin, Milwaukee, and Group Practice in Ob/Gyn |
| Katsuichi Sudo | 1982-1984 | (Ph.D., Japan) Head, Biology Department, Takeda Pharmaceutical Company, Osaka, Japan |
| Margaret A. Miller | 1982-1985 | (Ph.D., University of Wisconsin, Madison), Office on Women's Health, U.S. Food and Drug Administration, Rockville, MD |
| Georg C. A. Reiner | 1983-1985 | (M.D., University of Vienna) and 1987 Professor, Department of Surgery, University of Vienna Medical School, Austria |
| Yolande Berthois | 1985-1987 | (Ph.D., University of Marseilles, France), Research Scientist, Laboratoire de Cancerologie experimentale, Faculte de Medicine Secteur Nord, Marseilles, France |
| Angelika Reiner | 1987 | (M.D., Austria) Professor, Department of Pathology, University of Vienna Medical School, Austria |
| Christine A. Weaver | 1986-1987 | (Ph.D., University of Illinois, Carle Clinic Physician and Head Genetics Laboratory, Urbana, IL |
| Catherine E. Snider | 1986-1988 | (Ph.D., Ohio State University) Senior Scientist, Proctor and Gamble, Cincinnati, OH |
| Kenneth W. Harlow | 1988-1990 | (Ph.D., University of Illinois) CTO/CSO, Upfront Chromatography A/S, Copenhagen, Denmark |
| Carol K. Wrenn | 1988-1992 | (Ph.D., University of Indiana) Senior Scientist, Eastman-Kodak, Rochester, NY |
| Cynthia H. Wooge | 1989-1992 | (Ph.D., University of Iowa) Senior Scientist, Sigma Chemical Co., St. Louis, MO |

Curriculum Vitae**BENITA S. KATZENELLENBOGEN****Page 92 – Graduate Students and Postdoctoral Associates**

| | | |
|-----------------------|-----------|--|
| Farzad Pakdel | 1989-1991 | (Ph.D., University of Rennes, France), Professor, University of Rennes, France |
| Pascale LeGoff | 1990-1992 | (Ph.D., University of Rennes, France) Associate Professor, University of Rennes, France |
| Volkmar Müller | 1993 | (M.D., University of Hamburg Medical School, Hamburg, Germany) Professor, Gynecological Oncology, University of Hamburg Medical Center, Hamburg, Germany |
| Nariaki Fujimoto | 1992-1994 | (Ph.D., Hiroshima University Japan) Professor, Hiroshima Univ. Cancer Research Institute, Japan |
| Bhavna Bhardwaj | 1992-1995 | (M.D., Postgraduate Institute of Medical Education and Research, India), University of Florida, Gainesville, Cancer Center |
| David Schodin | 1992-1996 | (Ph.D., University of Illinois) Biotechnology Patents, Leydig, Voit and Mayer, Chicago, IL |
| Monica Montano | 1993-1998 | (Ph.D., University of Missouri) Professor, Dept. of Pharmacology, Case Western Reserve Univ., Cleveland, Ohio |
| Kirk Ekena | 1994-1998 | (Ph.D., University of Oregon) Senior Patent Agent, Alston & Bird, Raleigh, NC |
| Gwendal Lazennec | 1996-1998 | (Ph.D., University of Rennes, France), Associate Professor, INSERM U148, “Hormones and Cancer”, Montpellier, France |
| Dennis M. Kraichely | 1999-2000 | (Ph.D., St. Louis University School of Medicine, MO), Associate Director, CMC Team Leader Portfolio Management & Technical Integration, Johnson & Johnson Pharmaceutical Research & Development, Malvern, PA |
| Regis Delage-Mourroux | 1998-2000 | (Ph.D., University Pierre et Marie Curie and INSERM Unit 139, Paris, France), Professor, University of France - Comte, Besancon, France |

Curriculum Vitae**BENITA S. KATZENELLENBOGEN****Page 93 – Graduate Students and Postdoctoral Associates**

| | | |
|--------------------------|-----------|--|
| Inho Choi | 1996-2001 | (Ph.D., University of Florida) Professor, Yeungnam University, Kyungsan City, Korea |
| Paolo Martini | 1998-2001 | (Ph.D., University of Milan, Italy) Chief Scientific Officer, Head of Discovery, Elpidera Moderna Therapeutics, Cambridge, MA |
| Rashna D. Balsara | 2000-2002 | (Ph.D., University of Bombay, India), Research Scientist, Keck Transgene Center, Notre Dame University, South Bend, IN |
| Deshanie Ganessunker Rai | 2000-2003 | (Ph.D., University of Illinois at Urbana-Champaign), Vice President of Global Science and Regulatory Affairs, OmniActive Health Technologies, Morristown, NJ |
| Jonna Frasor | 2001-2005 | (Ph.D., University of Illinois at Chicago), Professor, Dept. of Physiology and Biophysics, University of Illinois College of Medicine, and Director of Basic Research, Univ. of IL Cancer Center, Chicago, IL |
| Fabio Stossi | 2002-2011 | (Ph.D., University of Milan, Italy), Associate Professor, Dept. of Molecular & Cellular Biology, Technical Director, Integrated Microscopy Core, Imaging Group Leader, GCC Center for Advanced Microscopy and Image Informatics, Baylor College of Medicine, Houston, TX |
| P. Mangala Gowri | 2003-2008 | (Ph.D., University of Cincinnati Medical Center), Visiting Research Scholar |
| Surojeet Sengupta | 2003-2006 | (Ph.D., Central Drug Research Institute, Lucknow, India), Assistant Professor, Georgetown University Medical School, Lombardi Cancer Center, Washington, DC |
| Seongeon Park | 2004-2006 | (Ph.D., University of Illinois at Urbana-Champaign), Director, Research Core Laboratory, Samsung Biomedical Research Institute, School of Medicine, Sungkyunkwan University, Suwon, Korea |
| Chang-Hun Lee | 2007-2009 | (Ph.D., Seoul National University, Seoul, Korea), Senior Scientist, Department of Biochemistry, University of Wisconsin, Madison |

Curriculum Vitae**BENITA S. KATZENELLENBOGEN****Page 94 – Graduate Students and Postdoctoral Associates**

| | | |
|----------------------|-------------|--|
| Anna Bergamaschi | 2007-2013 | (Ph.D., Institute for Cancer Research, Norwegian Radium Medical Center, Oslo, Norway), Principal Scientist/Project Manager, Bluestar Genomics Inc., Precision Epigenomic Medicine, San Diego, CA (previously Genomic Health, Inc., Redwood City, CA) |
| Yuechao Zhao | 2008-2017 | (Ph.D., Northeast Agricultural University, Harbin, China) Associate Director and Vice President, Preclinical Research & Early Development, Celularity Biotechnology, Florham Park, NJ |
| Zeynep Madak-Erdogan | 2009-2014 | (Ph.D., University of Illinois, Urbana, IL), Associate Professor, Department of Food Science and Human Nutrition, University of Illinois at Urbana - Champaign |
| Yan Jiang | 2010-2012 | (M.D./Ph.D., Purdue University, West Lafayette, IN), Medical Residency, New York University Medical Center, NY |
| Man-Sau Wong | Summer 2011 | Visiting Professor from The Hong Kong Polytechnic University, Hong Kong |
| Ping Gong | 2011-2016 | (Ph.D., Illinois State University, Bloomington, IL; Postdoc, Univ. of Chicago) Research Scientist, Baylor College of Medicine, Houston, TX |
| Hailing Lu | 2012-2013 | (M.D., Harbin Medical University, Harbin, China) Visiting Research Scientist Currently Staff Physician and Scientist, Harbin Medical University, Medical Oncology, Harbin, China |
| Wenwen Lu | 2013-2015 | (Ph.D., Institute of Epigenetics & Cancer Research, School of Medicine, Tsinghua University, Beijing, China), Postdoctoral Scientist, SUNY Upstate Med, Syracuse, NY |
| Yiru Chen | 2013-2015 | (Ph.D., Univ. of Michigan), Postdoctoral Scientist, currently Medical Genetics Counselor, Boston, MA |
| Mary Jo Laws | 2014-2018 | (Ph.D., Univ. of Illinois) Postdoctoral Scientist, currently Research Associate, Department of Comparative Biosciences, |

Curriculum Vitae**BENITA S. KATZENELLENBOGEN****Page 95 – Graduate Students and Postdoctoral Associates**

| | | |
|--------------------------------|----------------|--|
| | | College of Veterinary Medicine, Univ. of Illinois, Urbana, IL |
| Jean-Francois Arnal, MD, Ph.D. | 2015, Oct-Nov. | Visiting Professor from INSERM Université de Toulouse III, Toulouse, France |
| Parama Dey | 2018-2021 | (Ph.D. Univ. of Nebraska Medical Center) Postdoctoral Research Associate |
| Shunchao Yan, MD, Ph.D. | 2019-2020 | Visiting Scholar from Department of Oncology, Shengjing Hospital, China Medical University, Shenyang, 110022, China. |
| Xin Jiao, MD | 2019-2020 | Visiting Scholar from Department of Respiratory Medicine, Shengyang Chest Hospital, Shenyang, China. |
| Sandeep Kumar, PhD | 2022- | Visiting Scholar from PGIMER Chandigarh, India. |

Undergraduate Research Students in Benita Katzenellenbogen's Laboratory

Over 50 undergraduate University of Illinois students and several visiting undergraduate students from other universities and colleges have done undergraduate research in Benita Katzenellenbogen's laboratory. Recent students are Alexander Wang, Chirag Gopinath, and Keya Patel; and Nadia Dawson from University of Cardiff, Wales; and Blake Plotner, Carlos Saeh, and Grace Pento currently.