

Curriculum Vitae

BENITA S. KATZENELLENBOGEN

Mailing Address:

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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
MERIT Award from the National Cancer Institute, NIH, 1991 – 1999
Plenary Lecture, Endocrine Society 74th Annual Meeting, 1992
Fellow, American Academy of Arts and Sciences, elected 1993
Faculty Member of the Year Award, University of Illinois College of Medicine, 1994
Scientific Distinction Award, Susan G. Komen Breast Cancer Foundation, 1996

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
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

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; and NIH Predoctoral and Postdoctoral Review Panel, 2010 and 2011; NIH NCCAM Grants Review Panel, 2013
Editorial Board, Nuclear Receptor Signaling 2013-2016; and Journal of the Endocrine Society 2016-2018
Associate Editor, NJP Breast Cancer, 2015-Presents

Memberships:

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

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; functional analyses of nuclear hormone receptors. Basic and translational studies directed at understanding 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 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 in research and training in reproductive endocrinology, hormones and cancer, cell biology, cancer biology.

Research students in my laboratory:

Ph.D. 1 current, 37 conferred

M.A. 12 conferred

B.S. 2 current, 25 conferred

Post-doctoral/Visiting Scientists:

4 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 "Anti-estrogens: 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
"Genomic Profiling of the Estrogen Hormonal Pathway for Breast Cancer Prevention and Treatment" October 1, 1998 - September 30, 2017 (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
- (10) 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. Morrissey, 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)

- (11) 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
- (12) 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, 2016; Renewal submitted
- (13) 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
- (14) 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 – June 30, 2017

Facilities Development:

NIH Instrumentation Grant IS10 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-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

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- University of Illinois Know Your University Series Speaker, "Cancer Research at the University of Illinois", November 1985
- 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

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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
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

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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
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

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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

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

Progestins 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

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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
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, Villeneuve-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

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- 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
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

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- 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
- 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

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- 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
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
24th 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
25th 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
26th Annual Breast Cancer Think Tank Meeting, St. Kitts, January 2017

Publications (Excluding Abstracts and Book Chapters):

1. Katzenellenbogen, B. S., and Kafatos, F. C. Some properties of silkmouth moulting gel and moulting fluid. J. Insect Physiol. 16:2241-2256, 1970.
2. Katzenellenbogen, B. S., and Kafatos, F. C. Proteinases of silkmouth moulting fluid: Physical and catalytic properties. J. Insect Physiol. 17:775-800, 1971.
3. Katzenellenbogen, B. S., and Kafatos, F. C. Inactive proteinases in silkmouth moulting gel. J. Insect Physiol. 17:823-832, 1971.
4. Katzenellenbogen, B. S., and Kafatos, F. C. General esterases of silkmouth 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. Iodohehexestrols 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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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 Chlordecone (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](#)
41. Katzenellenbogen, B. S., Pavlik, E. J., Robertson, D. W., and Katzenellenbogen, J. A. Interaction of a high affinity antiestrogen (α -[4-pyrrolidinoethoxy]phenyl-4-hydroxy- α' -nitrostilbene, CI628M) with uterine estrogen receptors. J. Biol. Chem. 256:2908-2915, 1981. **PMID:** [7204382](#)
42. Eckert, R. L., and Katzenellenbogen, B. S. Human endometrial cells in primary tissue culture. Modulation of the progesterone receptor level by natural and synthetic estrogens in vitro. J. Clin. Endocrinol. Metab. 52:699-708, 1981. **PMID:** [7204540](#)
43. Rorke, E. A., and Katzenellenbogen, B. S. Antitumor activities and estrogen receptor interactions of the metabolites of the antiestrogens C1628 and U23,469 in the dimethylbenz(a)anthracene-induced rat mammary tumor system. Cancer Research, 41:1257-1262, 1981. **PMID:** [6783294](#)
44. Robertson, D. W., Wei, L. L., Hayes, J. R., Carlson, K. E., Katzenellenbogen, J. A., and Katzenellenbogen, B. S. Tamoxifen aziridines: Effective inactivators of the estrogen receptor. Endocrinology 109:1298-1300, 1981. **PMID:** [7285873](#)
45. Katzenellenbogen, B. S., Rorke, E. A., and Eckert, R. L. Mechanisms of estrogen and antiestrogen action in mammary cancer. J. Steroid Biochem. 15:219-229, 1981. **PMID:** [7339248](#)
46. Eckert, R. L., and Katzenellenbogen, B. S. Effects of estrogens and antiestrogens on estrogen receptor dynamics and the induction of progesterone receptor in MCF-7 human breast cancer cells. Cancer Research 42:139-144, 1982. **PMID:** [7053842](#)
47. Robertson, D. W., Katzenellenbogen, J. A., Long, D. J., Rorke, E. A., and Katzenellenbogen, B. S. Tamoxifen antiestrogens. A comparison of the activity, pharmacokinetics and metabolic activation of the cis and trans isomers of tamoxifen. J. Steroid Biochem. 16:1-13, 1982. **PMID:** [7062732](#)
48. Robertson, D. W., Katzenellenbogen, J. A., Hayes, J. R., and Katzenellenbogen, B. S. Antiestrogen basicity-activity relationships: A comparison of the estrogen binding and antiuterotrophic potencies of several analogs of tamoxifen having altered basicity. J. Med. Chem. 25:167-171, 1982. **PMID:** [7057423](#)

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49. Pavlik, E. J., and Katzenellenbogen, B. S. The intranuclear distribution of rat uterine estrogen receptors determined after nuclease treatment, and chromatin fractionation. Mol. Cell. Endocrinol. 26:201-216, 1982. **PMID: [7084560](#)**
50. Eckert, R. L., and Katzenellenbogen, B. S. Physical properties of estrogen receptor complexes in MCF-7 human breast cancer cells: Differences with antiestrogen and estrogen. J. Biol. Chem. 257:8840-8846, 1982. **PMID: [7096337](#)**
51. Kneifel, M. A., Leytus, S. P., Fletcher, E., Weber, T., Mangel, W. F., and Katzenellenbogen, B. S. Uterine plasminogen activator activity: Modulation by steroid hormones. Endocrinology 111:493-499, 1982. **PMID: [7201382](#)**
52. Hersey, R. M., Weisz, J., and Katzenellenbogen, B.S. Estrogenic potency, receptor interactions and metabolism of catechol estrogens in the immature rat uterus in vitro. Endocrinology 111:896-903, 1982. **PMID: [6286287](#)**
53. Katzenellenbogen, J. A., and Katzenellenbogen, B. S. Considerations in the design and evaluation of cytotoxic estrogens, Breast Cancer Research and Treatment 2:347-353, 1982. **DOI: [10.1007/bf01805876](#)**
54. Sudo, K., Monsma, F. J. Jr., and Katzenellenbogen, B. S. Antiestrogen-binding sites distinct from the estrogen receptor: Subcellular localization, ligand specificity, and distribution in tissues of the rat. Endocrinology 112:425-434, 1983. **PMID: [6848356](#)**
55. Peltz, S. W., Katzenellenbogen, B. S., Kneifel, M. A., and Mangel, W. F. Plasminogen activators in tissues of the immature and estrogen-stimulated rat uterus and in uterine luminal fluid: characterization and properties. Endocrinology 112:890-897, 1983. **PMID: [6681601](#)**
56. Katzenellenbogen, J. A., Carlson, K. E., Heiman, D. F., Robertson, D. W., Wei, L. L., and Katzenellenbogen, B. S. Efficient and highly selective covalent labeling of the estrogen receptor with [³H] tamoxifen aziridine. J. Biol. Chem. 258:3487-3495, 1983. **PMID: [6833211](#)**
57. Miller, M. A., and Katzenellenbogen, B. S. Characterization and quantitation of antiestrogen binding sites in estrogen receptor-positive and -negative human breast cancer cell lines. Cancer Research 43:3094-3101, 1983. **PMID: [6850618](#)**
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59. Eckert, R. L., and Katzenellenbogen, B. S. Modulation of progestin binding activity in cultured human breast carcinoma cells: The effect of serum type and concentration. J. Receptor Research 3:599-621, 1983. **PMID: [6672191](#)**
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206. Madak- Erdođan, Z., Katzenellenbogen, B.S. Regulation of the Dynamics of Estrogen Receptor Alpha Gene Control by the Aryl Hydrocarbon Receptor. Gordon Research Conference on Hormone Action in Development and Cancer, Holderness School, Plymouth, New Hampshire, July 2009.
207. Bergamaschi, A., Frasor, J., and Katzenellenbogen, B.S., A Gene Signature and Molecular Phenotype Associated with High Expression of 14-3-3z and Its Correlation with Antiestrogen Resistance in Breast Cancer. 2nd Jensen Symposium on Nuclear Receptors, University of Cincinnati Medical Center, Cincinnati, OH, October 2009.
208. Katzenellenbogen, B.S., Pathways and Pharmacology of Estrogens and Estrogen Receptor Actions. Chinese Medicinal Chemistry Symposium, Wuhan, China, October 2009.
209. Wu, Q., Chambliss, K.L., Oltmann, S.C., Umetani, M., Yuhanna, I.S., Korach, K.S., Thomas, G.D., Mineo, C., Kim, S.H., Madak- Erdođan, Z., Maggi, A., Dineen, S.P., Roland, C.L., Brekken, R.A., Katzenellenbogen, J.A., Katzenellenbogen, B.S., Shaul, P.W., Extranuclear Estrogen Receptor α Signaling Promotes Endothelial Monolayer Integrity but not Breast Cancer or Uterine Growth in Mice. American Heart Association Meeting, Orlando, FL, November 2009.
210. Park, S., Yoon, S., Ramathal, C., Liao, L., Liu, Z., Xu, J., Lydon, J.P., DeMayo, F.J., O'Malley, B., Bagchi, M.K., Katzenellenbogen, B.S., Normal Uterine Function and Decidualization in Early Pregnancy Require the Nuclear Receptor Coregulator, REA. 30th Annual Minisymposium on Reproductive Biology in conjunction with the 1st Illinois Symposium on Reproductive Biology, Northwestern University, Evanston, IL, October 2009.
211. Madak- Erdođan, Z., Lupien, M., Stossi, F., Brown, M., and Katzenellenbogen, B.S., Critical role of ERK2 in Estrogen Receptor alpha (ER α)-mediated regulation of gene expression and proliferation of breast cancer cells. Keystone Symposium on Nuclear Receptors: Signaling, Gene Regulation and Cancer/Nuclear Receptors: Development, Physiology and Disease, Keystone, Colorado, March, 2010.

212. Stossi, F., Madak- Erdoğan, Z., and Katzenellenbogen, B.S., Macrophage-derived Soluble Factors Cause Loss of Estrogen Receptor Alpha in Breast Cancer Cells via Hyperactivation of ERK2 and c-Jun. Keystone Symposium on Nuclear Receptors: Signaling, Gene Regulation and Cancer/Nuclear Receptors: Development, Physiology and Disease, Keystone, Colorado, March, 2010.
213. Katzenellenbogen, B.S., Madak- Erdoğan, Z., Bergamaschi, A., Stossi, F., Lupien, M., Brown, M., Katzenellenbogen, J.A. Genomics of Estrogen Receptor Signaling in Breast Cancer and Endocrine Resistance. Keystone Symposium on Nuclear Receptors: Signaling, Gene Regulation and Cancer/Nuclear Receptors: Development, Physiology and Disease, Keystone, Colorado, March, 2010.
214. Katzenellenbogen, B.S., Madak- Erdoğan, Z., Bergamaschi, A., Stossi, F., Lupien, Charn, T.H. Genomics of Estrogen Receptor Signaling in Target Cells. Frontiers Meeting on Estrogens, SERMs, and TSECs, Philadelphia, PA, April, 2010.
215. Marshall, G.M., Gherardi, S., Xu, N., Neiron, X., Trahair, T., Scarlett, C., Chang, D.K., Liu, P.Y., Jankowski, K., Iraci, N., Haber, M., Norris, M.D., Stossi, F., Katzenellenbogen, B.S., Biankin, A.V., Perini, G., Liu, T.. Transcriptional upregulation of histone deacetylase 2 promotes Myc-induced oncogenic effects. AACR 10^{1st} Annual Meeting 2010, Washington, DC, April 2010.
216. Kim, K. and Katzenellenbogen, B.S., Phosphorylation Status of Estrogen Receptor alpha and Endocrine Resistance in Breast Cancer, ENDO 2010: The 92nd Annual Meeting & Expo, San Diego, CA, June, 2010.
217. Park, S., Yoon, S., Zhao, Y., Liao, L., Liu, Z., Xu, J., Lydon, J.P., DeMayo, F.J., O'Malley, B., Bagchi, M.K., and Katzenellenbogen, B.S., Altering Coregulator Concentration by Conditional Genetic Modification: Gene Dosage of REA is Critical for Fertility and Uterine Function, ENDO 2010: The 92nd Annual Meeting & Expo, San Diego, CA, June, 2010.
218. Kim, K. and Katzenellenbogen, B.S., Impact of Estrogen Receptor alpha Phosphorylation Site Mutations on Hormone Responsiveness and Endocrine Resistance in Breast Cancer, 2nd Illinois Reproductive Biology Symposium, Chicago, IL, October 10, 2010.
219. Park, S., Yoon, S., Park, S., Zhao, Y., Xu, J., Lydon, J.P., DeMayo, F.J., O'Malley, B., Bagchi, M.K., and Katzenellenbogen, B.S., Gene dosage of the coregulator REA is critical of uterine function and fertility, 2nd Illinois Reproductive Biology Symposium, Chicago, IL, October 10, 2010.
220. Katzenellenbogen, B. S., Madak-Erdogan, Z., Stossi, F., and Bergamaschi, A., Integration of Cell Signaling in the Genomic Actions of Nuclear Receptors, Keynote Lecture, Great Lakes Nuclear Receptor Meeting, Ann Arbor, MI, October, 2010.
221. Katzenellenbogen, B. S., Madak-Erdogan, Z., Stossi, F., Bergamaschi, A., and Charn, T. H., Genomics of Estrogen Receptor Signaling and Actions of Breast Cancer. Symposium Talk, Congress on Steroid Research, Chicago, IL, March, 2011.
222. Bergamaschi, A, and Katzenellenbogen, B.S., Mechanistic Basis of Tamoxifen Associated Development of Endocrine Resistance in Breast Cancer, AACR, Orlando, FL, April 2011.

223. Katzenellenbogen, B. S., Madak-Erdogan, Z., Stossi, F., and Bergamaschi, A., Integration of cell signaling in the genomic actions of estrogen receptors, Estrogens, SERMS and TSECs Meeting, Clearwater, FL, April 6-8, 2011.
224. Shaul, P.W., Chambliss, K.L., Wu, Q., Mangelsdorf, D.J., Mineo, C., Katzenellenbogen, J.A., Katzenellenbogen, B.S., Hui, D.Y., and Umetani, M., Novel Endogenous and Exogenous SERMs and Cardiovascular Health Estrogens, SERMS and TSECs Meeting, Clearwater, FL, April 6-8, 2011.
225. Zhao, Y., Park, S., Bagchi, M.K., Taylor, R.N., and Katzenellenbogen, B. S., The Coregulator, Repressor of Estrogen Receptor Activity (REA), Controls the Timing and Magnitude of Human Endometrial Stromal Cell Decidualization, SCCPIR Meeting, Chicago, IL, May 11-13, 2011.
226. Katzenellenbogen, B. S., Madak-Erdogan, Z., Bergamaschi, A., Stossi, F., and Charn, T. H., Genomics of Estrogen Receptor Signaling in Target Cells, ER β Symposium “Therapeutic potential of ER β as drug target”, Stockholm, Sweden, May 16-17, 2011.
227. Madak- Erdoğan, Z., Kim, K. and Katzenellenbogen, B.S., A MicroRNA and TP63 Circuit Regulated by Estrogen Receptor- α and ERK2 that Controls Breast Cancer Proliferation and Invasiveness Properties. ENDO 2011: The 93rd Annual Meeting & Expo, Boston, MA, June, 2011.
228. Madak- Erdoğan, Z. and Katzenellenbogen, B.S., Aryl Hydrocarbon Receptor Modulation of Estrogen Receptor- α -Mediated Gene Regulation by a Multimeric Chromatin Complex Involving the Two Receptors and the Coregulator RIP140. ENDO 2011: The 93rd Annual Meeting & Expo, Boston, MA, June, 2011.
229. Bhatt, S., Stender, J., and Katzenellenbogen, B.S., Interplay between Skp2, p38MAPK and Oct-3/4 Regulates Tamoxifen Resistance in Breast Cancer Cells. ENDO 2011: The 93rd Annual Meeting & Expo, Boston, MA, June, 2011.
230. Katzenellenbogen, B.S., Madak-Erdogan, Z., Bergamaschi, A., Stossi, F., Kim, K., Park, S., and Charn, T.H., Estrogen Receptor Signaling and Actions in Breast Cancer and Endocrine Resistance: Interplay of Receptors, Protein Kinases, and miRNAs. ENDO 2011: The 93rd Annual Meeting & Expo, Boston, MA, June, 2011.
231. Bergamaschi, A. and Katzenellenbogen, B.S., Mechanistic Basis of Tamoxifen-Associated Development of Endocrine Resistance in Breast Cancer. DOD BCRP Era of Hope Meeting, Orlando, FL, August 2011.
232. Bartell, S.M. Iyer, S. Han, L. Warren, A. Shelton, R.S. Bradsher III, R. Kim, S.H. Katzenellenbogen, B.S. Chambliss, K.L. Shaul, P.W. Katzenellenbogen, J.A. Roberson, P.K. Weinstein, R.S. O’Brien, C.A. Jilka, R.L. Almeida, M. Manolagas S.C. Non-nuclear ER α signaling prevents oxidative stress and the loss of bone, but not the loss of uterine weight, in OVX mice. American Society for Bone and Mineral Research Meeting, San Diego Convention Center, San Diego, CA, September 16-20, 2011.
233. Zhao, Y., Park, S., Bagchi, M.K., Taylor, R.N., and Katzenellenbogen, B.S., The Coregulator, Repressor of Estrogen Receptor Activity (REA), is Crucial in the Control of Human and Mouse Endometrial Stromal Cell Decidualization. Illinois Reproductive Sciences Symposium, October 2011.

234. Bergamaschi, A., Frasor, J., Borgen, K., Stanculescu, A., Johnson, P., Rowland, K., Wiley, E.L., and Katzenellenbogen, B.S., Identification of 14-3-3z as a predictor of early time to recurrence and a molecular target in metastatic hormone receptor-positive and -negative breast cancers. AACR 103rd Annual Meeting, Chicago, March 29-April 2, 2012.
235. Holton, S.E., Bergamaschi, A., Katzenellenbogen, B.S., and Bhargava, R., A spectroscopic signature associated with hormone sensitivity in 3D co-culture models of breast cancer. AACR 103rd Annual Meeting, Chicago, March 29-April 2, 2012.
236. Appachi, S, Shaul, P.W., Katzenellenbogen, J.A., Katzenellenbogen, B.S., Chambliss, K., Sun, J., and Murphy, E., Non-nuclear Estrogen Receptor Activation is Protective in Cardiac Ischemia-Reperfusion Injury in Mice. International Society for Heart Research, Conference, Banff, Alberta, Canada, May 28-31, 2012.
237. Madak- Erdođan, Z., Gong, P., and Katzenellenbogen, B.S., Genomics and Integration of Estrogen Receptor Alpha and Protein Kinase Chromatin Binding and Regulation of Gene Expression and Cell Properties with a Tissue-Selective Estrogen Complex (TSEC). ENDO 2012: The 94th Annual Meeting & Expo, Houston, TX, June 2012.
238. Madak- Erdođan, Z., Bergamaschi, A., Ventrella, R., Lu, H., Katzenellenbogen, B.S., Estrogen Receptor Regulation of ERK5 and Cofilin Localization Impacts Breast Cancer Phenotypic Properties and Endocrine Resistance. ENDO 2012: The 94th Annual Meeting & Expo, Houston, TX, June 2012.
239. Stossi, F., Madak-Erdođan, Z., Ventrella, R., and Katzenellenbogen, B.S., Macrophage-Derived Amphiregulin Causes Estrogen Receptor Alpha Down-Regulation in Tamoxifen Resistant Breast Cancer Cells. ENDO 2012: The 94th Annual Meeting & Expo, Houston, TX, June 2012.
240. Jiang, Y., Jeyakumar, M., Carlson, K., Khan, I., Helferich, W.G., Katzenellenbogen, J.A., and Katzenellenbogen, B.S., Botanical Estrogens: Molecular Mechanisms and Cellular Pathways of Activity in Target Cells. ENDO 2012: The 94th Annual Meeting & Expo, Houston, TX, June 2012.
241. Zhao, Y., Park, S., Bagchi, M.K., Taylor, R.N., and Katzenellenbogen, B.S., Uterine Decidualization Timing and Magnitude Depend Critically on the Coregulator, Repressor of Estrogen Receptor Activity (REA). ENDO 2012: The 94th Annual Meeting & Expo, Houston, TX, June 2012.
242. Madak- Erdođan, Z., Charn, T.H., Jiang, Y., Liu, E.T., Katzenellenbogen, J.A., and Katzenellenbogen, B.S., An Integrative Genomic Analysis Delineating Specification in Hormone Action Through Estrogen Receptor α and Estrogen Receptor β in Breast Cancer Cells. ENDO 2012: The 94th Annual Meeting & Expo, Houston, TX, June 2012.
243. Katzenellenbogen, B.S., Madak-Erdogan, Z., Bergamaschi, A., Gong, P., Ventrella, R., Jiang, Y., and Lu, H., Roles of MAP Kinases in the Genomics and Integration of Estrogen Receptor Signaling, FASEB 2012 Meeting, "Integration of Genomic and Non-Genomic Steroid Receptor Actions", Snowmass, CO, July 2012.
244. Appachi, S. Sun, J. Chambliss, K.L. Katzenellenbogen, J.A. Katzenellenbogen, B.S. Shaul, P.W. Murphy E.. Non-nuclear estrogen receptor activation is protective in cardiac ischemia-reperfusion injury in mice. *Journal of Molecular and Cellular Cardiology*. 2012, 53, S25.

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246. Zhao, Y., Li, Q., Katzenellenbogen, B.S., Taylor, R.N., Bagchi, I.C., and Bagchi, M.K. Regulation of angiogenesis by CCN1/CYR61 is critical for endometriosis-like lesion establishment in the mouse, Illinois Reproductive Biology Symposium, Northwestern University, Evanston, IL, October 2012
247. Bartell, S.M. Iyer, S. Han, L. Warren, A. Kim, S.H. Katzenellenbogen, B.S. Chambliss, K.L. Shaul, P.W. Katzenellenbogen, J.A. Roberson, P.K. Weinstein, R.S. O’Brien, C.A. Jilka, R.L. Almeida, M. Manolagas S.C.. An estrogen dendrimer conjugate incapable of stimulating the nuclear-initiated actions of estrogen receptors prevents the loss of cortical bone mass in estrogen deficient mice. American Society of Bone and Mineral Research; Minneapolis, MN, October 12-15, 2012.
248. Bergamaschi, A., Madak-Erdogan, Z., Lu, H., and Katzenellenbogen, B.S. FOXM1-dependent gene expression program controls cancer stem cell and metastasis properties of breast cancer cells. AACR Meeting (Tumor Invasion and Metastasis AACR Special Conference), San Diego, CA, January 20-23, 2013
249. Madak-Erdogan, Z., Charn, T.H., Jiang, Y., Liu, E.T., Katzenellenbogen, J.A. and Katzenellenbogen, B.S. Integrative genomic analysis delineating combinatorial specification of gene regulation and metabolism through estrogen receptors α and β and coregulators in breast cancer cells. Keystone Meeting - Tumor Metabolism (X4) joint with the meeting on PI 3-Kinase and Interplay with Other Signaling Pathways (X3) Keystone, CO February 24—Mar 1, 2013
250. Madak-Erdogan, Z., Bergamaschi, A., Ventrella, R., Lu, H., and Katzenellenbogen, B.S. Estrogen Receptor- α Dictates the Subcellular Localization of ERK5 to Control Differential Proliferation and Invasion Programs of Breast Cancer Cells. AACR 104th Annual Meeting, Washington, D.C., April 6-10, 2013.
251. Bergamaschi, A., Madak-Erdogan, Z., Lu, H., and Katzenellenbogen, B.S. Genome-wide analysis of FOXM1 binding and involvement of FOXM1 in cancer stem cell and metastasis properties of endocrine-sensitive and resistant breast cancer cells. AACR 104th Annual Meeting, Washington, D.C., April 6-10, 2013.
252. Holton, S.E., Bergamaschi, A., Katzenellenbogen, B.S., and Bhargava, R. Mammary fibroblasts induce hormone-independent growth in Estrogen Receptor-positive breast cancer cells via an epithelial-to-mesenchymal transition in a 3D cell culture model. AACR 104th Annual Meeting, Washington, D.C., April 6-10, 2013.
253. Zhao, Y., Gong, P., Chen, U., Bagchi, M.K., Taylor, R.N., Nettles, K.W., Katzenellenbogen, J.A. and Katzenellenbogen, B.S. Novel Estrogen Receptor Ligands with Anti-estrogenic and Anti-inflammatory Activity for Prevention and Treatment of Endometriosis: Studies in a Mouse Model. ENDO 2013: The 95th Annual Meeting & Expo, San Francisco, CA, June 2013.
254. Zhao, Y., li, Q., Katzenellenbogen, B.S., Taylor, R.N., Bagchi, I.C. and Bagchi, M.K. Estrogen-Induced Expression of CCN1 is Critical for Vascular Network Formation during Establishment of Endometriosis-like Lesions in a Mouse Model ENDO 2013: The 95th Annual Meeting & Expo, San Francisco, CA, June 2013.

255. Adlanmerini, M., Péqueux, C., Raymond-Letron, I., Hoon Kim, S., Boudou, F., Blacher, S., Foidart, J.M., Katzenellenbogen, B.S., Katzenellenbogen, J.A., Arnal, J.F., and Lenfant, F. Genomic effects of estrogen receptor alpha (ER α) are required for angiogenesis to increase the growth of ER α -negative tumors. EMBO Meeting on Nuclear receptors: Linking molecules, genomes & physiology, Sorrente, Italy. Sept. 2013.
256. Zhao, Y., Gong, P., Chen, Y., Bagchi, M.K., Taylor, R.N., Nettles, K.W., Katzenellenbogen, J.A. and Katzenellenbogen, B.S. Suppression of Endometriosis by Targeting Estrogenic and Inflammatory Pathways: Studies in a Mouse Model. Illinois Symposium on Reproductive Sciences, Carbondale, IL, October 13-15, 2013.
257. Katzenellenbogen, B. S. Madak Erdogan, Z., Bergamaschi, A., Gong, P., and Katzenellenbogen, J. A. Integrative Genomics of Gene and Metabolic Regulation by Estrogen Receptors and Collaborating Partners. Keystone Symposium, Nuclear Receptors: Biological Networks, Genome Dynamics and Disease, Taos, NM, January, 2014.
258. Madak-Erdoğan, Z., El-Ashry, D., and Katzenellenbogen, B. S. ERK2 Functional Chromatin Footprints in Patient-Derived Breast Tumor Cells Predict Molecular Subtype, Clinical Outcome, and Drug Response in Breast Cancers, American Association for Cancer Research Annual Meeting, San Diego, CA, April 2014.
259. Zhao Y, Chen Y, Gong P, Bagchi MK, Taylor RN, Katzenellenbogen JA and Katzenellenbogen BS. Multiple Beneficial Roles of Repressor of Estrogen Receptor Activity (REA) in Suppressing Endometriosis Progression. ICE/ENDO 2014: The 16th International Congress of Endocrinology, Chicago, IL, June 2014.
260. Gong P, Madak-Erdoğan Z, Katzenellenbogen JA, Flaws J, and Katzenellenbogen BS. Cross-talk between the Aryl Hydrocarbon Receptor and Estrogen Receptor Mediates the Effects of Botanical Estrogens on Gene Expression, Cell Metabolism, and Behavior of Target Cells. ICE/ENDO 2014: The 16th International Congress of Endocrinology, Chicago, IL, June 2014.
261. Gong P, Madak- Erdoğan Z, Li J, Cheng J, Greenlief CM, and Katzenellenbogen BS. Transcriptome Analyses Reveal Distinct Patterns of Gene Regulation by Different Botanical Estrogens in Dietary Supplements. ICE/ENDO 2014: The 16th International Congress of Endocrinology, Chicago, IL, June 2014.
262. Katzenellenbogen BS, Madak- Erdoğan Z, Bergamaschi A, Gong P, and Katzenellenbogen JA. Estrogen Receptor Integrative Genomics and Signaling Networks in Breast Cancer and Endocrine Resistance. Plenary Lecture. Endocrine Society of Australia, Melbourne, Australia, August 2014.
263. Katzenellenbogen BS, Madak- Erdoğan Z, Bergamaschi A, Gong P, Chen Y, Zhao Y, Bindman N, and Katzenellenbogen JA. Estrogen Receptor Integrative Genomics and Signaling Networks in Breast Cancer and Endocrine Resistance. Cold Spring Harbor Meeting, Nuclear Receptors in Disease, October 2014.

264. Zhao Y, Li Q, Gong P, Chen Y, Lau LF, Nettles KW, Korach KS, Ko C, Taylor RN, Bagchi IC, Katzenellenbogen JA, Bagchi MK and Katzenellenbogen BS. Suppression of Endometriosis by Targeting the Estrogen-Angiogenesis-Inflammation Axis: Studies in a Mouse Model. The 3rd State Key Laboratory of Reproductive Biology (SKLRB) Symposium on Reproductive Biology, Beijing, China, October 2014.
265. Madak-Erdoğan Z and Katzenellenbogen BS. Systems Biology of Gene Regulation by Estrogen Receptors and Kinases in Breast Cancer. ENDO 2015: The 97th Annual Meeting & Expo, San Diego, CA, March 5-8, 2015.
266. Zhao Y, Chen Y, Bagchi MK, Taylor RN, Nettles KW, Katzenellenbogen JA, and Katzenellenbogen BS. Suppression of Endometriosis by Interrupting Crosstalk between the Endometriotic Lesion and the Host Immune System. ENDO 2015: The 97th Annual Meeting & Expo, San Diego, CA, March 5-8, 2015.
267. Madak-Erdoğan Z and Katzenellenbogen BS. Estrogen Receptor (ER) and ERK5 Signaling Collaborates to Modulate the Tumor Microenvironment in Breast Cancer. AACR 106th Meeting, Philadelphia, PA, April 2015.
268. Madak-Erdoğan Z. and Katzenellenbogen BS. Systems Biology of Gene Regulation by Estrogen Receptors and ERK5 Signaling in Breast Cancer. FASEB 2015 Meeting: “Molecular and Systems Integration of Genomic and Nongenomic Steroid Hormone Action” Big Sky, MT, Aug. 9-14, 2015.
269. Katzenellenbogen, J.A., Madak-Erdogan, Z., Kim, S.H., Tiwari-Woodruff, S., Katzenellenbogen, B.S., Multiple Modes for Selective Action of Diverse Ligands through the Estrogen Receptors, FASEB Meeting on Molecular and Systems Integration of Genomic and Nongenomic Steroid Hormone Action, August 9-14 2015, Big Sky, MT
270. Katzenellenbogen JA, Katzenellenbogen BS, Zhao Y, Josan JS, Pollock JA, Norris JD, McDonnell DP, and Tiwari-Woodruff S. Novel Ligands for Estrogen Receptor and Androgen Receptor Targeted Therapies. Keystone Meeting, Snowbird, Utah, Jan. 2016.
271. Chen K, Zhao YC, Hieronymi K, Katzenellenbogen JA, Katzenellenbogen BS, Madak-Erdoğan Z. Molecular Mechanisms of Low Affinity Estrogen Action in Obese Mouse Models. Keystone Meeting, Snowbird, Utah, Jan. 2016.
272. Zhao YC, Katzenellenbogen JA, Katzenellenbogen BS, Madak-Erdoğan Z. Prevention of Obesity-Related Breast Cancer using Pathway Preferential Estrogens. Keystone Meeting, Snowbird, Utah, Jan. 2016.
273. Madak-Erdoğan Z, Zhao YC, Chen K, Hieronymi K, Ki SH, Gong P, Zhang H, Chambliss KL, Shaul P, Katzenellenbogen JA, Katzenellenbogen BS, Wrobel K, Kulkoyluoglu E. Systems Biology of Gene and Metabolic Regulation by Estrogen Receptors and Kinases in Breast Cancer and Metabolic Disease. Keystone Meeting, Snowbird, Utah, Jan. 2016.
274. Christenson JL, Butterfield KT, Spoelstra NS, McDonnell DP, Norris J, Josan J, Pollock J4, Katzenellenbogen BS, Katzenellenbogen JA, Richer JK. MMTV-PyMT and the Met-1 derived line as immunocompetent models of androgen receptor-positive triple-negative breast cancer. Keystone Meeting, Snowbird, Utah, Jan. 2016.
275. Selvaraj UM, Plautz E, Chambliss K, Kong X, Rovinsky S, Zhang S, Tegene M, Ortega SB, Mineo C, Katzenellenbogen BS, Katzenellenbogen JA, Kim SH, Shaul P, Stowe AM. Selective Non-Nuclear Estrogen Receptor Activation Decreases Stroke Severity and Promotes Functional

- Recovery after Stroke in Mice. 9th International Symposium on Neuroprotection and Neurorepair (ISN&N), Leipzig, Germany, April 19-22, 2016.
276. Katzenellenbogen BS. Estrogen Receptor Genomics and Signaling Pathway and Microenvironment Rewiring in Breast Cancer and Endocrine Resistance. ENDO 2016: The 98th Annual Meeting & Expo, Symposium Talk, Boston, MA, April 1-4, 2016.
277. Katzenellenbogen BS, Zhao Y, and Madak-Erdogan Z. TSEC Studies in Endometriosis and in Breast Cancer. Estrogens, SERMs, and TSECs Scientific Advisory Meeting, Clearwater Beach, FL, April 20-22, 2016.
278. Kim SH, Madak-Erdogan Z, Katzenellenbogen BS, Katzenellenbogen JA. Selective Activation of the Extranuclear-Initiated Functions of the Estrogen Receptor: A New Approach to Beneficial Patterns of Estrogen Action. American Chemical Society Meeting, Philadelphia, PA, Aug. 2016
279. Chambliss KL, Sacharidou A, Madak-Erdogan Z, Katzenellenbogen BS, Katzenellenbogen JA, Mineo C, Shaul PW. Metabolic Actions of Non-nuclear Estrogen Receptors. RRSB - Rapid Responses to Steroid Hormones. Richmond, VA November 2016
280. Selvaraj UM, Plautz EJ, Chambliss KL, Kong X, Rovinsky S, Zhang S, Mineo C, Katzenellenbogen BS, Katzenellenbogen JA, Kim SH, Shaul PW, and Stowe AM. Selective Non-Nuclear Estrogen Receptor Activation Decreases Stroke Severity and Promotes Functional Recovery After Stroke in Mice. Berlin Brain 2017 Meeting, Berlin, Germany, April 2017
281. Zhao Y, Guillen VS, Laws M, Ziegler Y, Gong P, Min J, Sharma A, Kim SH, Chu D, Park BH, Oesterreich S, Shapiro DJ, Nettles KW, Katzenellenbogen JA, and Katzenellenbogen BS. Constitutively Active Mutant Estrogen Receptors in Breast Cancer Show Differential Responsiveness to Structurally Novel Antiestrogens. ENDO 2017: The 99th Annual Meeting & Expo, Orlando, FL, April 1-4, 2017.
282. Guillen VS, Sharma A, Toy W, , Sharma N, Min J, Carlson KE, Greene GL, , Chandarlapaty S, Katzenellenbogen BS, and Katzenellenbogen JA. Inhibition of Constitutively Active Mutant Estrogen Receptors in Breast Cancer: Roles of Antiestrogen Ligand Core and Side Chain. ENDO 2018: The 100th Annual Meeting & Expo, Chicago March 2018.
283. Laws MJ, Kim SH, Min J, Zhao Y, Ziegler Y, Chu D, Park BH, Katzenellenbogen JA, and Katzenellenbogen BS. Suppression of breast cancer metastasis and extension of host animal survival by a new adamantyl antiestrogen, K-07, in a pre-clinical breast cancer metastasis model driven by constitutively active mutant estrogen receptors. AACR 109th Meeting, Chicago, IL, April 2018.
284. Laws MJ, Kim SH, Ziegler Y, Bindman N, Gong P, Guillen VS, Yasuda M, Singh D, El-Ashry D, Katzenellenbogen JA, and Katzenellenbogen BS. Suppression of hormone receptor-positive and triple negative breast cancers by new inhibitors of the transcription factor FOXM1. AACR 109th Meeting, Chicago, IL, April 2018.

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BENITA S. KATZENELLENBOGEN

Page 81 – 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 (now deceased)
Hemlata Sehgal Bhakoo	Ph.D. 1976	Director, IVF Andrology Laborator 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 Director	Ph.D. 1984	Special Advisor to the Office of the 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., Ewa Women's University, Department of Pharmacology, Seoul, Korea
Thomas W. Toney	Ph.D. 1986	Professor, Department of Biology Georgia College Milledgeville, GA

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Page 82 – 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
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 Green	Ph.D. 1994	Director and Professor, Cecil H & Ida 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
Mary E. Herman	Ph.D. 1995	Faculty member, Medical School Penang, Malaysia
Eileen M. McInerney	Ph.D. 1997	Research Scientist, UCSD, La Jolla, CA

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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, 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; now Scientist at Kite Pharma, Santa Monica, CA
Joshua Stender	Ph.D. 2007	Senior Scientist II, AbbVie Pharmaceuticals, Inc. North Chicago, IL
Shubin Sheng	Ph.D. 2007	Biostatistician Duke Clinical Research Institute, Raleigh-Durham, NC
Zeynep Madak-Erdogan	Ph.D. 2009	Assistant Professor University of Illinois, Department of Food Science and Human Nutrition

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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	Postdoctoral Scientist DOD Postdoctoral Breast Cancer Fellowship 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	2016 -	BS 2015 Brown University

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

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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 Herbolsheimer	M.S. 1994	Medical Student, Chicago, IL
Chih-Yang Huang	M.S. 1995	Assistant Professor, Taiwan
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
Tochiro 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

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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) s 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) Associate Professor, Institute for Biochemical Genetics, University of 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

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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) Director of Intellectual Property at Arrowhead Research Corporation, Madison, WI
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),

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		Professor, University of France - Comte, Besancon, France
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, IN
Deshanie Ganessunker Rai	2000-2003	(Ph.D, University of Illinois at Urbana-Champaign), Senior Associate Director, Bayer HealthCare, Whippany, NJ
Jonna Frasor	2001-2005	(Ph.D., University of Illinois at Chicago), Professor, Dept. of Physiology and Biophysics, University of Illinois College of Medicine, Chicago, IL
Fabio Stossi	2002-2011	(Ph.D., University of Milan, Italy), Assistant Professor, Baylor College of Medicine, Dept. of Molecular & Cellular Biology, 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), Senior Scientist, Georgetown University Medical School, Lombardi Cancer Center, Washington, DC
Seongeun 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

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Anna Bergamaschi	2007-2013	(Ph.D., Institute for Cancer Research, Norwegian Radium Medical Center, Oslo, Norway), Senior Research Scientist, Genomic Health, Inc., Redwood City, CA
Yuechao Zhao	2008-2017	(Ph.D., Northeast Agricultural University, Harbin, China), Senior Scientist, MI Bioresearch, Ann Arbor, Michigan
Zeynep Madak-Erdogan	2009-2014	(Ph.D., University of Illinois, Urbana, IL), Assistant 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
Yiru Chen	2013-2015	(Ph.D., Univ. of Michigan), Postdoctoral Scientist, currently Medical Genetics Counselor, Boston, MA
Mary Jo Laws	2014-present	(Ph.D., Univ. of Illinois) Postdoctoral Scientist
Jean-Francois Arnal, MD, Ph.D.	2015, Oct-Nov.	Visiting Professor from INSERM Université de Toulouse III, Toulouse, France

Undergraduate Research Students in Benita Katzenellenbogen's Laboratory

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Over 50 undergraduate University of Illinois students and several visiting undergraduate summer students from other universities and colleges have done undergraduate research in Benita Katzenellenbogen's laboratory. Current students are Mayuri Yasuda and Divya Singh.