PATRICIA E. BERG, Ph.D.

Education

- Postdoctoral Research Fellow, Department of Medicine, University of Chicago
- Postdoctoral Research Fellow, Department of Microbiology, University of Chicago
- Ph.D., Biology, Illinois Institute of Technology
- A.B., Mathematics, University of Chicago

Employment

2008-2021	Professor of Biochemistry and Molecular Biology, The George Washington University School of Medicine, now Professor Emeritus
1999-2008	Associate Professor (tenured), Department of Biochemistry and Molecular Biology, The George Washington University School of Medicine
1991-1998	Research Associate Professor, Division of Pediatric Hematology/Oncology, Department of Pediatrics, University of Maryland School of Medicine, Baltimore, MD.
1985-1991	Senior Staff Fellow, Laboratory of Chemical Biology, NIDDK, NIH, Bethesda, MD.
1980-1985	Expert and Senior Staff Fellow, Laboratory of Molecular Hematology, NHLBI, NIH, Bethesda, MD.

Societies and Honors

Professional Societies

American Society of Cancer Research
Sigma XI
American Association for the Advancement of Science

Past Honors

National Merit Finalist
Scholarships, University of Chicago and State of Illinois
Individual Predoctoral Fellowship, National Institutes of Health

Recent Honors

2008	Invited Delegate, Avon-State Dept. Breast Cancer Global Congress
2005	Presented first Dean's Lecture, College of Science and Letters, Illinois Institute of Technology
2004	Recipient, Professional Achievement Award, Illinois Institute of Technology
2004-2014	Member, Board of Overseers for the College of Science and Letters, Illinois Institute of Technology
2003	Recipient of the George Washington University Snyder Award for Excellence in Cancer Research
2000	Recipient of the George Washington University Snyder Award for Excellence in Cancer Research

Scientific Advisory/Association Activities

2009-	Member, NIH Study Section, Minority Biomedical Research Program
2005-2008	Member, NIH Study Section, Cancer Diagnostics and Treatment
2002	Member, NIH Special Review Panel, NHLBI, Sickle Cell Center Grants 2001 Member, NIH Special Review Panel, NIDDK, Transactivation of Fetal Hemoglobin Genes

2000	Member, Evaluation Committee for the Department of Human Genetics, Howard University
1999	Member, NIH Special Review Panel, NHLBI, Pediatric Hydroxyurea Clinical Trial
1994	Member, NIH Special Review Panel, NHLBI, Gene Therapy for Sickle Cell
1994	Member, NIH Special Review Panel, NHLBI, Mammalian Genotyping Service
1993	NIH Grant Reviewer, NHLBI, Hematology Program Project
1993	Grant Reviewer, Veteran's Administration
1993	Member, NHLBI Hematology Site Visit Team
1992	Member, NHLBI Sickle Cell Center Site Visit Team
1991	Chair and Introductory Speaker, Workshop on DNA Binding Proteins, sponsored by the Biotechnology Education, Training and Research Initiative, Atlanta, GA

Editorial Board
Journal of Cancer

Reviewer for Scientific Journals and Books
Cancer Research
Clinical Cancer Research
Molecular and Cellular Biology
FASEB Journal
Oncogene
Cancer Prevention, Biomarkers and Epidemiology
European Journal of Cancer
Molecular Cancer Therapeutics
Clinical Biochemistry
Nucleic Acids Research
Journal of Cell Biology
Biophysical Journal
Blood

Biographical Listings
Who's Who in the World, 2003 to present
Who's Who in America, 2000 to present
Who's Who in Medicine and Healthcare, 1999 (1st edition) to present
Who's Who in Science and Engineering, 1991 (1st edition) to present

Patents
1. "Novel Transcription Factor, BP1" No. 6,416,956
2. "Novel Transcription Factor, BP1" No. 7,176,294

SELECTED PUBLICATIONS

Berg, P.E., Yaoxian Lou, Y., Goldsmith, P., Rheey, J., Yakovleva, A., Heger, C., Khan, Y. Ascoli, C., Bachman, A., Weiner, R. A Blood Test Especially Helpful to African American and Lower Income Women with Breast Cancer, Through BP1 and Exosomes. Covered in *The PuLSE Institute*, August 2021.

Berg, P.E.. Lecture: Multi-Step Tumorigenesis. Presented April 12, 2021, to George Washington University Medical Center.

Fu, S., Ginsburg, E., Kirolikar, S., Rheey, J., Bivona, L., Schwartz, A., Man, Y-G., Pinzone, J. J., Stevenson, H., Simmens, S., Teal, C., Kim, K.S., Vonderhaar, B.K. and **Berg, P.E**. BP1 Promotes Aggressiveness in ER Positive Breast Cancer Cells. Oncotarget 2016, In press.

Berg, P.E. and Kirolikar, S. BP1, an isoform of DLX4. Atlas Genet. Cytogenet. Oncol. Haematol. March 2011. http://atlasgeneticsoncology.org/Genes/DLX4ID49827ch17q21.html

Kluk, B.J., Fu, Y., Formolo, T.A., Zhang, L., Hindle, A.K., Man, Y-G., Siegel, R.S., **Berg, P.E.,** Deng, C., McCaffrey, T.A. and Fu, S.W. BP1, an isoform of the DLX4 homeoprotein, negatively regulates BRCA1 in sporadic breast cancer. Int. J. Biol. Sciences 6: 491-503, 2010.

Man, Y-g., Schwartz, A., Levine, P.H., Teal, C. and **Berg, P.E.** BP1, a putative signature marker for inflammatory breast cancer or tumor aggressiveness. Cancer Biomarkers 5: 9-17, 2009.

Schwartz, A.M., Man, Y-G., Rezai, M.K., Simmens, S., and **Berg, P.E.** BP1, a homeoprotein, is significantly expressed in prostate adenocarcinoma and is concordant with prostatic intraepithelial neoplasia (PIN). Modern Pathol. 22: 1-6, 2009.

Cavalli, L.R., Man, Y-G., Schwartz, A., Rone, J.D., Urban, C.A., Lima, R.S., Haddad, B.R. and **Berg, P.E.** Amplification of the BP1 homeobox gene in breast cancer. Cancer Genetics and Cytogenetics 187: 19-24, 2008.

Awwad, R.T., Do, K., Stevenson, H., Fu, S.W., LoCoco, F., Costello, M., Campbell, C.L., and **Berg, P.E.** Overexpression of BP1, a homeobox gene, is associated with resistance to all-trans retinoic acid in acute promyelocytic leukemia cells**.** Ann. Hematol. 87: 195-203, 2008.

Stevenson, H.S., Fu, S., Pinzone, J.J., Campbell, C.L., Simmens, S.J. and **Berg, P.E.** BP1 transcriptionally activates bcl-2 and inhibits TNFα-induced cell death in MCF7 breast cancer cells. Br. Ca. Res. 9: R60-69, 2007.

Mpollo, M-S., Beaudoin, M, **Berg, P.E**., Beachemin, H., D'Agati, V., and Trudel, M. BP1 is a negative modulator of definitive erythropoiesis. Nucl. Acids Res. 34: 5232-5237, 2006.

Man, Y-g., Shen, T., Weisz, J., **Berg, P.E.**, Schwartz, A.M., Mulshine, J.L., Sang, Q-x.A. and Nieburgs, H.E. A subset of *in situ* breast tumor cell clusters lacks expression of proliferation and progression related markers but shows signs of stromal and vascular invasion. Ca. Detection and Prevention 29: 323-331, 2005.

Man, Y-g., Fu, S.W., Schwartz, A., Pinzone, J.J., Simmens, S.J. and **Berg, P.E**. Expression of BP1, a novel homeobox gene, correlates with breast cancer progression and invasion. Br. Ca. Res. & Treat. 90: 241-247, 2005.

Pinzone, J.J., Stevenson, H., Strobl, J.S, and **Berg, P.E.** Molecular and cellular determinants of estrogen receptor-α expression. Mol. Cell. Biol. 24: 4605-4612, 2004.

Man, Y-G., **Berg, P.E**., Barner, R, Vinh, T.N., Wheeler, D.T., Liang, C.Y. and Strauss, B.L. Morphologically similar normal and hyperplastic mammary ductal cells associated with and without

malignant lesions have a different immunohistochemical profile. Seventh International Symposium on Predictive Oncology & Intervention Strategies. Molecular Basis of Oncogenesis & Cancer Control. Cancer Detection and Prevention, 2004 Symposium Volume: S137, 282, 2004.

Man, Y.G., Strauss, B.L. and **Berg, P.E.** Increasing BP1 expression correlates with progression and invasion of male breast and prostate cancers. Seventh International Symposium on Predictive Oncology & Intervention Strategies. Molecular Basis of Oncogenesis & Cancer Control. Cancer Detection and Prevention, 2004 Symposium Volume: S95,149, 2004.
Fu, S., Schwartz, A., Stevenson, H., Pinzone, J.J., Davenport, G.J., Orenstein, J.M., Gutierrez, P., Simmens, S., Abraham, J., Poola, I., Stephan, D.A. and **Berg, P.E**. Correlation of expression of BP1, a homeobox gene, with estrogen receptor status in breast cancer. Br. Ca. Res. 5:82-87, 2003.

Chase, M.B., Fu, S., Haga, S.B., Davenport, G., Stevenson, H., Do, K., Morgan, D., Mah, A., and **Berg, P.E.** BP1, a homeodomain-containing isoform of DLX4, represses the β-globin gene. Mol. Cell. Biol. 22: 2505-2514, 2002.

Fu, S., Stevenson, H., Strovel, J.W., Haga, S.B., Stamberg, J., Do, K. and **Berg, P.E**. Distinct functions of two isoforms of a homeobox gene, BP1 and DLX7, in the regulation of the beta-globin gene. Gene 278: 131-139, 2001.

Fan, L., Iyer, J., Zhu, S., Frick, K.K., Wada, R.K., Eskanazi, A.E., **Berg, P.E**., Ikegaki, N., Kennett, R.H. and Frantz, C.N. Inhibition of N-myc expression and induction of apoptosis by iron chelation in human neuroblastoma cells. Cancer Res. 61: 1073-1079, 2001.

Haga, S., Fu, S., Karp, J.E., Ross, D.D., Williams, D.M., Hankins, W.D., Behm, F., Ruscetti, F.W., Chang, M., Smith, B.D., Becton, D., Raimondi, S.C. and **Berg, P.E**. BP1, a new homeobox gene, is frequently expressed in acute leukemias. Leukemia 14: 1867-1875, 2000.

Drew, L., Tang, D.C., **Berg, P.E**. and Rodgers, G.P. The role of DNA bending in the regulation of human beta-globin gene expression. Nucl. Acids Res. 28: 2823-2830, 2000.

Chase, M.B., Haga, S., Hankins, W.D., Williams, D.M., Bi, Z., Strovel, J.W., Obriecht, C. and **Berg, P.E**. Binding of HMG-I(Y) elicits structural changes in a silencer of the human □-globin gene. Am. J. Hem. 60: 27-35, 1999.

Ebb, D., Tang, D.C., Drew, L. Chin, K., **Berg, P.E**. and Rodgers, G.P. Identification of regulatory elements that repress adult beta-like globin genes. Blood Cells, Molecules, and Diseases 24: 356-369, 1998.

Meltzer, S.J., O'Doherty, S.P., Frantz, C.N., Smolinski, K., Yin, J., Cantor, A.B., Liu, J., Valentine, M., Brodeur, G.M. and **Berg, P.E.** Allelic imbalance on chromosome 5q predicts long term survival in neuroblastoma. Br. J. Cancer 74: 1855-1861, 1997.

Berg, P.E., Liu, J., Yin, J., Rhyu, M-G., Frantz, C.N. and Meltzer, S.J. Microsatellite instability is infrequent in neuroblastoma. Cancer Epidem. Biomark. Prev. 4: 907-909, 1995.

Broyles, R., Blair, F.C., Kyker, K.D., Kurien, B.T., Stewart, B.R., Halasz, H., **Berg, P.E**. and Schechter, A.N. A ferritin-like protein binds to a highly conserved CAGTGC sequence in the β-globin

promoter. In Beuzard, Y., Lubin, B. and Rosa, J. (eds.), Sickle cell disease and thalassaemias: new trends in therapy. Libbey Eurotext Ldt., Vol. 234, pp. 43-51, 1995.

Zeng, F.-Y., Rodgers, G.P., Huang, S.-Z., Schechter, A.N., Salamah, M., Perrine, S. and **Berg, P.E.** Sequence of the -530 region of the beta globin gene of sickle cell anemia patients with the Arabian haplotype. Human Mutation 3: 163-165, 1994.

Elion, J., **Berg, P.E**., Lapoumeroulie, C., Trabuchet, G., Mittelman, M. Krishnamoorthy, R., Schechter, A.N., and Labie, D. DNA sequence variation in a negative control region 5' to the β-globin gene correlates with the phenotypic expression of the β^S mutation. Blood 79: 787-792, 1992.

Berg, P. E. and Schechter, A.N. The impact of molecular biology on the diagnosis and treatment of hemoglobin disorders. In Friedmann, T. (ed.), Molecular Genetic Medicine, Academic Press, San Diego, 1992.

Berg, P.E., Mittelman, M., Elion, J., Labie, D. and Schechter, A.N. Increased protein binding to a -530 mutation of the human β-globin gene associated with decreased β-globin synthesis. Am. J. Hematol. 36: 42-47, 1991.

Berg, P.E., Williams, D.W., Qian, R.-L., Cohen, R.B., Cao, S.X., Mittelman, M. and Schechter, A.N. A common protein binds to two silencers 5' to the human β-globin gene. Nucl. Acids Res. 17: 8833-8852, 1989.

Fox, H.B., Gutman, P.D., Dave, H.P.G., Cao, S.-X., Mittelman, M., **Berg, P.E**. and Schechter, A.N. Trans-activation of human globin genes by HTLV-1 Tax1. Blood 74: 2749-2754, 1989.

Cao, S.X., Mishoe, H., Elion, J., **Berg, P.E**. and Schechter, A.N. Activation of the human ε- and β-globin promoters by SV40 T antigen. Biochem. J. 258: 769-776, 1989.

Berg, P.E., Williams, D.M., Qian, R.-L., Cohen, R.B., Mittelman, M. and Schechter, A.N. Proteins binding to regulatory elements 5' to the human β-globin gene. Prog. Clin. Biol. Res. 316A: 193-202, 1989.

Berg, P.E., Sheffery, M., King, R., Gong, Y. and Anderson, W.F. The expression of integrated plasmid DNA depends on copy number. Exp. Cell. Res. 168: 376-388, 1987.

Cullen, B., Raymond, K., **Berg, P.E.** and Ju, G. Functional analysis of the transcriptional control region located within the avian retroviral long terminal repeat. Mol. Cell. Biol. 5: 438-447, 1985.

Humphries, R.K., **Berg, P.E**., DiPietro, J., Bernstein, S., Baur, A., Nienhuis, A.W. and Anderson, W.F. Transfer of human and murine globin-gene sequences into transgenic mice. Am. J. Hum. Genet. 37: 295-310, 1985.

Anderson, W.F., Goldberg, S., Kantoff, P., **Berg, P.E**., Eglitis, M.J. and Humphries, R.K. Attempts at gene therapy in β-thalassemic mice. In Bank, A., Anderson, W.F. and Zaino, E.C., (eds), Fifth Cooley's Anemia Symposium, Ann. NY Acad. Sci. 445: 445-451, 1985.

Berg, P.E., Popovic, Z. and Anderson, W.F. Promoter dependence of enhancer activity. Mol. Cell. Biol. 4: 1664-1668, 1984.

Huberman, M., **Berg, P.E.**, Curcio, M.J., DiPietro, J., Henderson, A.S. and Anderson, W.F. Fate and structure of DNA microinjected into mouse L TK- cells. Exp. Cell Res. 153: 347-362, 1984.

Berg, P.E. and Anderson, W.F. Correlation of gene expression and transformation frequency with the presence of an enhancing sequence in the transforming DNA. Mol. Cell. Biol. 4: 368-370, 1984.
Berg, P.E., Henderson, A., Ripley, A., Yu, J.-K. and Anderson, W.F. Lack of site specific recombination of exogenous DNA in mouse L cells. Biochem. Biophys. Res. Commun. 116: 959-965, 1983.

Berg, P.E., Yu, J.-K., Popovic, Z., Schumperli, D., Johansen, H., Rosenberg, M. and Anderson, W.F. Differential activation of the mouse β-globin promoter by enhancers. Mol. Cell. Biol. 3: 1246-1254, 1983.

Humphries, R.K., **Berg, P.E**., DiPietro, J., Bernstein, S., Baur, A., Nienhuis, A. and Anderson, W.F. Human and mouse globin gene sequences introduced into mice by microinjection of fertilized mouse eggs. In Kumar, A., Goldstein, A. and Vahouny, G. (eds.), George Washington Spring Symposia Series. III. Gene Expression, Plenum Press, New York, 1983.

Berg, P.E. Cloning and characterization of the *E. coli* gene coding for alkaline phosphatase. J. Bacteriol. 146: 660-667, 1981.

Invited Seminars/Talks

2017 Invited Speaker and Chair, GeneMed-2017, Baltimore, MD. Presentation: to be determined.

2016 Speaker and Chair, 6th World Congress on Cell and Stem Cell Research, Philadelphia, PA. Presentation: Activation of BP1 is Associated with Aggressive Breast Cancer.

2015 Speaker and Chair, 3rd International Conference on Genomics and Pharmacogenomics, San Antonio, TX. Presentation: Activation of pBP1 is Associated with Aggressive Breast Cancer.

2015 Invited Speaker, 5th World Congress on Cell & Stem Cell Research, Chicago, IL. Presentation: BP1, a Potential Oncogene Overexpressed in Cancer.

2015 Activation of pBP1 is Associated with Aggressive Breast Cancer. Johns Hopkins University.

2014 Speaker and co-chair, 2nd International Conference on Genomics and Pharmacogenomics, Raleigh, N.C. Presentation: BP1, a Potential Oncogene Overexpressed in Cancer.

2013 Activation of BP1, a Homeobox Gene, in Malignancies. Joint retreat with Georgetown University. Jan. 2013.

2012 Activation of BP1, a Homeobox Gene, is Associated with Aggressive Breast Cancer. Georgetown University. Oct. 2012.

2011 Detection of pBP1 in the Serum of Women with Breast Cancer. Avon Foundation Breast Cancer Research Forum. New York, New York. March 2011.

2011 BP1 and the Induction of EMT. Dept. of Biochemistry and Molecular Biology, The George Washington University. April 2011.

2009 BP1, a Novel Gene Associated with Aggressive Breast Cancer. Early Detection Research Network Meeting, Washington, D.C.

2009 BP1 and Its Role in Breast Cancer, Myeloid Leukemia and Prostate Cancer. National Council of University Research Administrators, Washington, D.C.

2009 Properties of BP1, a Transcription Factor Activated in Multiple Tumor Types. Dept. of Biochemistry and Molecular Biology, George Washington University.

2008 Breast Cancer Breakthroughs. Washington Intern Program, Washington, D.C.

2007 Breakthroughs in Breast Cancer Research. Distinguished Alumni Lecture, University of Chicago, Washington, D.C.

2005 Genetic Breakthroughs in Breast Cancer Research and Hopes for the Future. Distinguished Dean's Lecture, Illinois Institute of Technology, Chicago, IL.

2005 BP1 Expression is Associated with Breast Cancer Progression. NIH, NCI

2005 BP1, A Strong Potential Target for Therapy of Breast Cancer. Komen Mission Conference, Washington, D.C.

2005 Expression of BP1 in Ductal Lavage Samples from Women at Risk for Breast Cancer. Meeting: The Intraductal Approach to Breast Cancer. Santa Barbara, CA.

2005 Expression of BP1, a Homeobox Gene, Increases with Breast Cancer Progression. Uniformed Services University of the Health Sciences, Bethesda, MD

2004 Role of BP1 in Aggressive Breast Cancer. NIH, NIDDK.

2004 Challenges of ER Negative Breast Cancer. NIH, Division of Cancer Prevention.

2004 Expression of BP1 is Associated with Aggressive Breast Tumors. Breast Cancer Tumor Board. George Washington University Medical Center.

2004 Unraveling Racial Differences in Breast Cancer: BP1, a New Potential Oncogene. Distinguished Speaker Series, Cancer Institute of New Jersey and the Institute for the Elimination of Health Disparities, UMDNJ, New Brunswick, N.J.

2004 Keynote speaker, Gilda's Club (cancer survivors) Day of Research and Hope. Ft. Lauderdale, FL.

2003 Expression of BP1, a Homeobox Gene, Correlates with Breast Cancer Aggressiveness. San Antonio Breast Cancer Symposium. Also included on a CD sent to all 6000 attendees.

2003 BP1, a Homeobox Gene, is a Potential Therapeutic Target in Breast Cancer. The National Human Genome Center. Howard University.

2003 Breakthroughs in Women's Medical Research, Panel Member. National Businesswomen's Health Care Summit, sponsored by the U.S. Chamber of Commerce and the White House.

2003 Disproportionate Expression of a Novel Gene (BP1) in Breast Cancers from Different Racial Groups. Breast Cancer and Racial Disparity Symposium, George Washington University Medical Center.

2003 BP1, a Homeobox Gene, is a Potential Therapeutic Target in Breast Cancer. National Cancer Institute, NIH, Bethesda.

2003 Role of BP1 in Breast Cancer. Oberstar Memorial Breakfast for Breast Cancer.

2003 BP1 and Breast Cancer. Breast Cancer Gala, GWUMC.

2002 BP1, a Homeobox Gene, is a Potential Therapeutic Target in Leukemia. Department of Pediatrics, Children's National Medical Center.

2000 BP1, a Novel Anti-apoptotic Gene, is Overexpressed in AML and T-cell ALL. Department of Hematology/Oncology, Boston University, Boston, MA.

2000 Therapeutic Use of BP1, a New HOX Gene, in Sickle Cell Anemia. Howard University Sickle Cell Center, Washington, D.C.

1999 Involvement of BP1, a New Homeodomain Protein, in Both Globin Gene Regulation and Leukemia. Department of Pediatrics, Children's Research Institute, Washington, D.C.

1998 Potential Gene Therapy of Sickle Cell Anemia Using BP1, a Repressor of the Beta Globin Gene. Department of Pediatrics, Division of Neonatology, University of Maryland School of Medicine

1998 BP1, a new homeodomain protein, is a repressor of the beta globin gene and is overexpressed in leukemia. Department of Biochemistry and Molecular Biology, George Washington University Medical Center, Washington, D.C.

1998 Overexpression of BP1, a Homeobox Gene, in Leukemia. Molecular and Cell Biology Program, University of Maryland School of Medicine

1997 Repression of the Beta Globin Gene and Sickle Cell Anemia. Department of Biochemistry and Molecular Biology, University of Maryland School of Medicine

1997 Role of a New Homeobox Protein in Repression of the Beta Globin Gene. Laboratory of Molecular Hematology, NIDDK, NIH, Bethesda, MD

1996 Regulation of the TAL1 Oncogene, Department of Medicine, University of Maryland School of Medicine

1995 Cloning of Repressors of the Human Beta Globin Gene, Boston University, Boston, MA

1995 Negative Regulation of the Human Beta Globin Gene, Colloquium on Science, University of Maryland School of Medicine

1995 Repression of the Human Beta Globin Gene, Department of Pharmacology and Experimental Therapeutics, University of Maryland School of Medicine

1995 Negative Regulation of the Human Beta Globin Gene, Department of Pathology, Uniformed Services University of the Health Sciences, Bethesda, MD

1994 Regulation of the Human Beta Globin Gene, Colloquium on Science, University of Maryland School of Medicine, Baltimore

1994 Involvement of the Tumor Suppressor Gene APC in Neuroblastoma, Department of Human Genetics, University of Maryland School of Medicine, Baltimore

1993 Regulation of the Human Globin Genes, Howard University Center for Sickle Cell Disease, Washington, D.C.

1993 Control of Hemoglobin Synthesis, Hematology Grand Rounds, University of Maryland School of Medicine, Baltimore

1993 Regulation of the Human Beta Globin Gene, Molecular and Cellular Biology Program, University of Maryland School of Medicine

1992 Negative Regulation of Human Beta Globin Gene, Department of Biological Chemistry, University of Maryland School of Medicine

1992 Regulation of Human Beta Globin Gene Expression, Department of Biochemistry and Molecular Biology, University of Oklahoma, Oklahoma City, OK

1992 Negative Regulation of the Human Beta Globin Gene, Hematology Research Conference, Johns Hopkins University School of Medicine, Baltimore, MD

1991 Negative Control of the Human Beta Globin Gene, Pediatric Research Conference, University of Maryland School of Medicine, Baltimore, MD

1991 Regulation of the Human β-Globin Gene, Molecular and Cellular Biology Seminar, University of Maryland School of Medicine, Baltimore, MD

1991 Control of Expression of the Human Beta-Globin Gene, Department of Pathology, Uniformed Services University of Health Sciences, Bethesda, MD

1991 Regulation of the Human β-Globin Gene, Laboratory of Cellular and Developmental Biology, NIDDK, NIH

Mainstream media

Interviewed by Fox, CBS and Reuters about our discovery that BP1 is activated in 70% of prostate cancers, Oct. 2008.

Interviewed live on CBS TV at Komen Race for the Cure, June 7, 2008

OpEds:

The Michigan Chronicle, April 2012: "Federal Cancer Research Funding Crisis Threatens Detroit, Nation"

Newark Star Ledger, Feb. 2011: "Keep Federal Dollars Coming for Cancer Research"

The Washington Times, April 2010: "Failure is the Wrong Diagnosis"

The Denver Post, April 2009: "Getting Closer to Controlling Cancer"

The San Diego Tribune, April 2008: "Too Few Funds to Fight Cancer in the U.S."

The Chicago Sun-Times, November 2005: "Now is Not the Time to Cut Research Budgets"

The Newark Star Ledger, April 2004: "A Gene Hunter Hopes to Save Black Women. Berg studies racial disparities in breast cancer"

The South Florida Sun-Sentinal, Op-Ed, March 2004: "This is No Time to Slow Down"

The Miami Herald, March 2004: Progress in the Fight Against Breast Cancer"

Oncology News International, February 2004: "BP1 Expression May Be Indicator of Early Breast Cancer"

Prevention Magazine October 2003: "Breast Cancer's On/Off Switch"

Print and TV coverage of the discovery of activation of the BP1 gene in breast cancer, April 2003.
Links: http://www.weinerpublic.com/page97.html and http://www.weinerpublic.com/page96.html