Alexander David Borowsky, M.D.

Clinical Interests	Dr. Alexander Borowsky's clinical interests include: Breast Diagnostics, Ductal Carcinoma in situ (DCIS), Molecular Cancer Diagnosis, Breast Health/Risk Assessment, Genomics and Prostate Cancer.
Research/Academic Interests	Dr. Borowsky's research interests include: Pathology of mouse models of cancer, modeling pre-cancer to investigate mechanisms of neplastic progression.
Title	Professor
Specialty	Cancer, Pathology and Laboratory Medicine, Pathology - Anatomic, Pathology - Molecular
Department	Pathology and Laboratory Medicine
Division	Pathology
Center/Program Affiliation	UC Davis Comprehensive Cancer Center
Address/Phone	Pathology Building, 4400 V St. Sacramento, CA 95817 **Phone:** 916-734-2525 Research I , 4635 2nd Ave. Sacramento, CA 95817
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Email	adborowsky@ucdavis.edu
Education	M.D., Vanderbilt University School of Medicine, Nashville TN 1994 B.A., Pomona College, Claremont CA 1989
Residency	Pathology, Vanderbilt Medical Center, Nashville TN 1994-1996
Fellowships	Pathology/Cancer, Harvard Medical School, Brigham and Women's Hospital, Boston MA 1998-2001 Pathology/Breast Pathology, Vanderbilt Medical Center, Nashville TN 1996-1997
Board Certifications	American Board of Pathology, Anatomic Pathology
Professional Memberships	American Association for the Advancement of Science American Association of Cancer Research

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College of American Pathologists
United States and Canadian Academy of Pathology

Honors and Awards

Deans Team Award for Excellence in Research, 2015
State of California Breast Cancer Research Award, 2005
UC Davis Health Science Research Award, 2002
UC Cancer Research Coordinating Committee Award, 2002
Stowell-Orbison Prize, awarded to the outstanding paper presented by a pathologist-in-training, US and Canadian Academy of Pathology Mtg, 1997
John Shapiro Award for Excellence in Pathology, Vanderbilt School of Medicine, 1994

Select Recent Publications

Kuil J, Buckle T, Oldenburg J, Yuan H, Borowsky AD, Josephson L, van Leeuwen FW. Hybrid peptide dendrimers for imaging of chemokine receptor 4 (CXCR4) expression. Mol Pharm. 2011 Dec 5;8(6):2444-53. Epub 2011 Nov 15.

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Kalashnikova EV, Revenko AS, Gemo AT, Andrews NP, Tepper CG, Zou JX, Cardiff RD, Borowsky AD, Chen HW. ANCCA/ATAD2 overexpression identifies breast cancer patients with poor prognosis, acting to drive proliferation and survival of triple-negative cells through control of B-Myb and EZH2. Cancer Res. 2010 Nov 15;70(22):9402-12. Epub 2010 Sep 23.

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Ingham ES, Xing L, Cheng RH, Borowsky AD, Cardiff RD, Ferrara KW. Copper-doxorubicin as a nanoparticle cargo retains efficacy with minimal toxicity. Mol Pharm. 2010 Dec 6;7(6):1948-58.
Qi J, Nakayama K, Cardiff RD, Borowsky AD, Kaul K, Williams R, Krajewski S, Mercola D, Carpenter PM, Bowtell D, Ronai ZA. Siah2-dependent concerted activity of HIF and FoxA2 regulates formation of neuroendocrine phenotype and neuroendocrine prostate tumors. Cancer Cell. 2010 Jul 13;18(1):23-38.
Adamson TW, Kendall LV, Goss S, Grayson K, Touma C, Palme R, Chen JQ, Borowsky AD. Assessment of carprofen and buprenorphine on recovery of mice after surgical removal of the mammary fat pad. J Am Assoc Lab Anim Sci. 2010 Sep;49(5):610-6.

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