

BIOGRAPHICAL SKETCH

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NAME George Blanck	POSITION TITLE Professor		
eRA COMMONS USER NAME gblanck			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Pennsylvania	BA	1978	Biology
Columbia University	Ph.D.	1984	Cell and Mol Biol
Harvard University (Jack L. Strominger lab)	Postdoc	1984-88	HLA Mol Genetics
University of Paris (Dominique Charron lab)	Postdoc	1989	HLA Mol Genetics

Positions and honors:

1990-present Assistant/Associate (1995-2002)/Full (2002-) Professor, Molecular Medicine (formerly Department of Biochemistry and Molecular Biology), University of South Florida College of Medicine, Tampa, Florida.

2000- Department of Medical Microbiology and Immunology, University of South Florida College of Medicine, Tampa, Florida.

1998- Department of Pathology, University of South Florida College of Medicine, Tampa, Florida.

1993- Member, Immunology Program, H. Lee Moffitt Cancer Center and Research Institute, University of South Florida, Tampa, Florida.

1. Elected to membership in ASBMB and All
2. Service as a mss reviewer for numerous scientific journals and as an ad hoc grant reviewer and study section member for numerous private agencies.

Other current appointments, as of Jun 2009

Chair, College of Medicine Committee on Research

Member, USF Research Council

Member, Moffitt Cancer Center

Member, USF Signature Program Allergy Immunology and Infectious Diseases

Member, USF Center for Biomolecular Identification and Targeted Therapeutics

Recent publications:

39. Blanck G. Mutations and regulatory anomalies effecting tumor cell immune functions. *Cancer Immunology Immunotherapy* 63: 1-16 (2004) (Invited review).
40. Aaron R. Osborne¹, Hongquan Zhang, Gyori Fejer, Kimberly M. Palubin and George Blanck. Oct-1 maintains an intermediate, stable state of HLA-DRA promoter repression in Rb-defective cells: An Oct-1-containing repressosome that prevents NF-Y binding to the HLA-DRA promoter *J Biol Chem.* 279(28):28911-9 (2004).

Principal Investigator/Program Director (Last, First, Middle): Blanck, George

41. Melissa I. Niesen, Aaron R. Osborne, and George Blanck. Activation of a methylated promoter mediated by a sequence specific DNA binding protein: RFX. *J. Biol. Chem.* 280: 38914-22 (2005).
 42. Aaron Osborne¹, Hongquan Zhang, and George Blanck. Oct-1 DNA binding activity unresponsive to retinoblastoma protein expression prevents MHC class II induction in a non-small cell lung carcinoma cell line. *Mol Immunol.* 43(6):710-6 (2006).
 43. Elizabeth Le and George Blanck. CIITA transformation of CIITA-negative melanoma cells rescues the apoptotic function of MHC class II. *Anticancer Research* 25: 3889-92 (2005).
 44. Kimberly M. Palubin, Bonnie Goodwin, Elizabeth Le, Melissa Niesen, and George Blanck. Increased IL-8 secretion accounts for the reduced duration of antisense Oct-1 tumor cells in scid mice *Anticancer research* 26: 1733-1738 (2006).
 45. Lijun Xu, Melissa I. Niesen and George Blanck. Linkage of a tumor immune function and cell cycle de-regulation via a gene regulatory network subcircuit. *Molecular Immunology* 46: 569-75 (2009).
 46. Kristy Kazemfar, Ren Chen, Kimberly Nicholson, Domenico Coppola, Jun-Min Zhou, Xianhong Chen, Sheng Wei and George Blanck. Combined IL-8 and TGF- β blockade efficiently prevents neutrophil infiltrates into an A549-cell tumor. *Immunology Letters* 122: 26-29 (2009)
 47. Melissa Niesen and George Blanck. Rescue of major histocompatibility-DR surface expression in retinoblastoma-defective, non-small cell lung carcinoma cells by the MS-275 histone deacetylase inhibitor. *Biological and Pharmaceutical Bulletin* 32: 180-182 (2009)
 48. Melissa Niesen, Aaron R. Osborne, William R. Lagor, Harry Zhang, Kristy Kazemfar, Gene C. Ness, and George Blanck. Technological advances in the study of HLA-DRA promoter regulation: Extending the functions of CIITA, Oct-1, Rb, and RFX. *Acta Biochimica et Biophysica Sinica* 41: 198-205 (2009).
 49. Swetha Narsing, Jenny Jelsovsky, Alfred Mbah, and George Blanck. Genes that contribute to cancer fusion genes are large and evolutionarily conserved. *Cancer genetics and cytogenetics* 191: 78-84 (2009).
 50. Domenico Coppola, Vevek Parikh, David Boulware, and George Blanck. Substantially reduced expression of PIAS1 is associated with colon cancer development. *Journal of Cancer Research and Clinical Oncology* 135: 1287-91 (2009).
 51. Shyam Mohapatra, San-Jun Park, Sandhya Boyapalle, Manoj K. Pastey, Barney.S. Graham, George Blanck. Human respiratory syncytial virus reduces cell number in S phase and increases GADD153 expression in Hep-2 cells. *Acta Virologica*, in press, 2009.
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