CURRICULUM VITAE

PERSONAL DATA:

Name:	Yanfen Hu
Date of Birth:	December 13, 1963
Place of Birth:	Shanghai, China
Citizenship:	United States of America
Marital Status:	Married, two children
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Address (work):	University of Virginia, Health Sciences Center Department of Biochemistry and Molecular Genetics Box 800733 1300 Jefferson Park Avenue Charlottesville, VA 22908
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EDUCATION AND POST-GRADUATE TRAINING:

1981-1985	Fudan University, China	B.S. in Genetics
1987-1992	University of California, Berkeley	Ph.D. in Molecular Biology
1992-1994	Genentech, Inc., California	Postdoc. in Apoptosis
1994-1996	Cold Spring Harbor Laboratory	Postdoc. in Signal Transduction

ACADEMIC APPOINTMENTS:

1996-2002	Research Associate Department of Biochemistry and Molecular Genetics University of Virginia
2002-2005	Assistant Professor of Research Department of Biochemistry and Molecular Genetics University of Virginia
2005-present	Associate Professor of Research Department of Biochemistry and Molecular Genetics University of Virginia

HONORS AND AWARDS:

1986-1987 China-US Biochemistry Examination and Application (CUSBEA) Scholarship; *Total score ranked the third place and Molecular Biology subject ranked the first place nationwide*

1994-1995 Robertson Fellowship, Cold Spring Harbor Laboratory

PROFESSIONAL AFFILIATIONS:

American Association for Advancement of Science (AAAS)
American Association of Cancer Research (AACR)
The Endocrine Society

AREAS OF RESEARCH INTEREST:

Breast cancer development and prevention.
Gene expression and regulation.

RESEARCH FUNDING:

Current grant support:

5/03-4/06 Department of Defense (DAMD17-03-1-0398, P.I.: Yanfen Hu)
Cooperation between BRCA1 and JunB in Gene Regulation and Tumor Suppression
Direct cost per year: $100,000

Pending research grant application:

12/05-11/10 NIH (RO1 CA118578, P.I. Yanfen Hu)
The Mechanism of BRCA1 in Tumor Suppression
Direct cost per year requested: $200,000
15.6% after first submission as a New Investigator

1/06-12/08 Department of Defense (BC050500, P.I. Yanfen Hu)
The Function of Putative Tumor Suppressors BRCA2 and BARD1 in Aromatase Expression and Estrogen Biosynthesis.
Direct cost per year requested: $100,000

PUBLICATIONS:

1. Orias, E., Larson, D., **Hu, Y-F.,** Yu, G., Karttumen, J., Lovlie, A., Haller, B., and Blackburn, E.H. (1988) Replacement of the macronuclear ribosomal RNA genes of a mutant Tetrahymena using electroporation. ***Gene*** 70: 295-301
2. **Hu, Y-F**., Luscher, B., Admon, A., Mermod, N., and Tjian, R. (1990) Transcription factor AP-4 contains multiple dimerization domains that regulate dimer specificity. ***Genes & Dev.*** 4: 1741-1752

3. Tartaglia, L.A., Rothe, M., **Hu, Y-F.**, and Goeddel, D.V. (1993) Tumor Necrosis factor's cytotoxic activity is signaled by the p55 TNF receptor. ***Cell*** 73:213
4. **Hu, Y-F.**, Hao, Z., and Li, R. (1999) Chromatin remodeling and activation of DNA replication by the BRCT-domain of BRCA1. ***Genes & Dev.*** 13: 637-642
5. Miyake, T., **Hu, Y-F.**, Yu, D.S., and Li, R. (2000) A functional comparison of BRCA1 C-terminal domains in transcription activation and chromatin remodeling. ***J. Biol. Chem.*** 275:40169-40173
6. **Hu, Y-F.,** Miyake, T., Ye, Q., and Li, R. (2000) Characterization of a novel trans-activation domain of BRCA1 that functions in concert with the BRCA1 C-terminal (BRCT) domain. ***J. Biol. Chem.*** 275:40910-40915
7. Fourel, G., Boscheron., C., Revardel, E., Lebrun, E., **Hu, Y-F.**, Carmine, K., Muller, K., Li, R., Mermod, N., and Gilson, E. (2001) An activation-independent role of transcription factors in insulator function. ***EMBO reports*** 2:124-132
8. Ye, Q., **Hu, Y-F.**, Belmont, A., and Li, R. (2001) BRCA1-mediated high-order chromatin unfolding and its deregulation by cancer predisposing mutations. ***J. Cell Biol.*** 155:911-921
9. **Hu, Y-F.,** and Li, R. (2002) JunB potentiates function of BRCA1 activation domain 1 (AD1) through a coiled-coil-mediated interaction. ***Genes & Dev.*** 16:1509-1517
10. Wu, Y., Ghosh, S., Nishi, Y., Yanase, T., Nawata, H., and **Hu, Y-F.** (2005) The Orphan Nuclear Receptors NURR1 and NGFI-B Modulates Aromatase Gene Expression in Ovarian Granulosa Cells: a Possible Mechanism for Repression of Aromatase Expression upon Luteinizing Hormone Surge. ***Endocrinology*** 146:237-246
11. Ghosh, S., Wu, Y., Li, R., and **Hu, Y-F.** (2005) Jun proteins modulate the ovary-specific promoter of aromatase gene in ovarian granulosa cells via a cAMP-responsive element. ***Oncogene*** 24:2236-2246
12. **Hu, Y-F.*,** Ghosh, S., Amleh, A., Yue, W., Lu, Y-Z., Katz, A., and Li, R.* (2005) Modulation of Aromatase Expression by BRCA1: A Possible Link to Tissue-Specific Tumor Suppression. ***Oncogene*** in press (*co-corresponding authors)

INVITED MEETING PLATFORM PRESENTATION:

International Conference on Aromatase (Edinburgh, 2004)
DOD Era of Hope Breast Cancer Research Conference (2005)