

CURRICULUM VITAE

PERSONAL DATA

Name: Yiru Xu
Employee ID: 1930 7580

EDUCATION

1985-1989 Fudan University, Shanghai, P.R.China, B.S., Biochemistry
1990-1995 Medical College of Wisconsin, Milwaukee, WI, Ph.D., Microbiology

POSTDOCTORAL TRAINING

1995 – 1999 Department of Biochemistry, Vanderbilt University School of Medicine

ACADEMIC APPOINTMENTS

1999-present Research Investigator, Department of Dermatology, University of Michigan

POSITIONS HELD

1989 -1990 Assistant Engineer, Shanghai Pesticide Research Institution, Shanghai, P.R.China

SCIENTIFIC ACTIVITIES

2004 Invited reviewer for Journal of Investigative Dermatology
2006 Grant Reviewer for National Science Foundation

GRANT SUPPORT

Johnson & Johnson - Co-Investigator
"Molecular Mechanisms of Skin Aging and Repair "
01/01/91 - 1/31/03

NIH RO1 Grant - Co-Investigator
Receptor Protein Tyrosine Phosphatase-k Regulation of EGFR
07/01/2005 - Present

HONORS AND AWARDS

1993 MCW Friends Travel Awards
1994 MCW Friends Travel Awards
1995 MCW Friends Travel Awards

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

1995-present American Society for Biochemistry and Molecular Biology
1999-present Society for Investigative Dermatology

TEACHING ACTIVITIES

1999-2000	Mentor of Allison Carey and Jenny Chen, Undergraduate Students
2000-2001	Mentor of Lijun Tan, PhD, Research Fellow
2001-2002	Mentor of Tim Yoon, Undergraduate Student
2002-2003	Mentor of Anil Singal, Undergraduate Student
2003-2004	Mentor of Wagdy Sidrak, Undergraduate Student
2006-Present	Mentor of Dustin Baker, Graduate Student

BIBLIOGRAPHY

Peer Reviewed Publications

1. Xu Y, and Barbieri JT: Biochemical Analysis of Mutations at Tyrosine-98 of the S1 Subunit of Pertussis Toxin. *Biochemistry* 33:1573-1579, 1994.
2. Xu Y, Barbançon-Finck V, and Barbieri JT: Role of Histidine 35 of the S1 Subunit of Pertussis Toxin in the ADP-ribosylation of Transducin. *Journal of Biological Chemistry* 269:9993-9999, 1994.
3. Xu Y, and Barbieri JT: Pertussis Toxin Mediated ADP-ribosylation of Target Proteins in Chinese Hamster Ovary Cells Involves a Vesicle Trafficking Mechanism. *Infection and Immunity* 63:825-832, 1995.
4. Xu Y, and Barbieri JT: Pertussis Toxin-Catalyzed ADP-Ribosylation of Gi-2 and Gi-3 in CHO Cells Is Modulated by Inhibitors of Intracellular Trafficking. *Infection and Immunity* 64:593-599, 1996.
5. Xu Y, Guo D-F, Davidson M, Inagami T, and Carpenter G: Interaction Of Adapter Protein Shc With Cell Adhesion Molecule Cadherin. *Journal of Biological Chemistry* 272:13463-13466, 1997.
6. Xu Y, Carpenter G: Identification of Cadherin Tyrosine Residues That Are Phosphorylated and Mediate Shc Association. *J Cell Biochem*, 75:164-271, 1999.
7. Wan Y, Wang Z, Shao Y, Xu Y, Voorhees J, and Fisher G: UV-Induced Expression of GADD45 is Mediated by an Oxidant Sensitive Pathway in Cultured Human Keratinocytes and in Human Skin *in vivo*. *International Journal of Molecular Medicine*, 6: 683-688, 2000.
8. Xu Y, Tan, L-J, Grachtchouk V, Voorhees J, and Fisher G: Receptor-type Protein-tyrosine Phosphatase-k Regulates Epidermal Growth Factor Receptor Function. *Journal of Biological Chemistry* 280:42694-42700, 2005.
9. Xu Y and Fisher G: Ultraviolet (UV) Light Irradiation Induced Signal Transduction in Skin Photoaging. *Journal of Dermatological Science Supplement* 1:S1-S8, 2005.
10. Xu Y, Voorhees J, and Fisher G: Epidermal Growth Factor Receptor is a Critical Mediator of Ultraviolet B Irradiation-Induced Signal Transduction in Immortalized Human Keratinocyte HaCaT Cells. *American Journal of Pathology*, 169 (3): 823-830, 2006.
11. Xu Y, Shao Y, Voorhees JJ, and Fisher GJ: Oxidative Inhibition of Receptor type Protein Tyrosine Phosphatase Kappa by Ultraviolet Irradiation Activates EGFR in Human Keratinocytes. *Journal of Biological Chemistry*. 281:27389-27397, 2006.