BIOGRAPHICAL SKETCH

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NAME	POSITION TITLE
Xuefeng Xia	Instructor

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
Hengyang Medical College, Hengyang, P.R. China	M.D.	1987	Medicine
Hunan Medical University, Changsha, P.R. China	M.S.	1993	Cell Biology
Baylor College of Medicine, Houston, Texas	Postdoc.	1998-2002	Molecular Biology

RESEARCH EXPERIENCE/EMPLOYMENT:

June 1995-Aug. 1998 Assistant Professor; Guangzhou Medical College, Guangzhou, P.R. China

June 2002-Oct. 2002 Research Associate; Huffington Center On Aging, Baylor College of Medicine, Houston

Oct.2002-April 2003 Senior Research Associate; Division of Gastroenterology, Department of Internal Medicine, The University of Texas Health Science at Houston Medical School, Houston, Texas

April 2003-Present Instructor; Division of Gastroenterology, Department of Internal Medicine, The University of Texas Health Science at Houston Medical School, Houston, Texas

SELECTED RESEARCH PUBLICATIONS:

1. **Xia X**, Qian S, Soriano S, Wu Y, Fletcher AM, Wang XJ, Koo E, Wu X, Zheng H.
Loss of presenilin 1 is associated with enhanced beta-catenin signaling and skin tumorigenesis.
Proc Natl Acad Sci U S A. (Commentary in PNAS 98:10522-3) 2001 Sep 11;98(19):10863-8.

2. Dineley KT, **Xia X,** Bui D, Sweatt JD, Zheng H.
Accelerated plaque accumulation, associative learning deficits, and up-regulation of alpha 7 nicotinic receptor protein in transgenic mice co-expressing mutant human presenilin 1 and amyloid precursor proteins.
J Biol Chem. 2002 Jun 21;277(25):22768-80.

3. Moehlmann T, Winkler E, **Xia X,** Edbauer D, Murrell J, Capell A, Kaether C, Zheng H, Ghetti B, Haass C, Steiner H.
Presenilin-1 mutations of leucine 166 equally affect the generation of the Notch and APP intracellular domains independent of their effect on Abeta 42 production.
Proc Natl Acad Sci U S A. 2002 Jun 11;99(12):8025-30.

4. **Xia X,** Wang P, Sun X, Soriano S, Shum WK, Yamaguchi H, Trumbauer ME, Takashima A, Koo EH, Zheng H.
The aspartate-257 of presenilin 1 is indispensable for mouse development and production of beta-amyloid peptides through beta-catenin-independent mechanisms.
Proc Natl Acad Sci U S A. 2002 Jun 25;99(13):8760-5.

5. Kang DE, Soriano S, **Xia X**, Eberhart CG, De Strooper B, Zheng H, Koo ED.
Presenilin couples the paired phosphorylation of beta-catenin independent of axin: implications for beta-catenin activation in tumorigenesis.
Cell. 2002 Sep 20;110(6):751-62.

6. Qyang Y, Chambers SM, Wang P, **Xia X**, Chen X, Goodell MA, Zheng H.
Myeloproliferative disease in mice with reduced presenilin gene dosage: effect of gamma-secretase blockage.
Biochemistry 2004 May 11;43(18):5352-9.

7. Zhang W, **Xia X**, Zou L, Xu X, LeSage GD, and Kone BC.
In Vivo Expression Profile of an H^+-K^+-ATPase α2 Subunit Promoter-reporter Transgene.
Am J Physiol Renal Physiol 2004 Jun; 286(6): F1171-77.

8. **Xia X**, Roundtree M, Merikhi A, Lu X, Shentu S, LeSage G.
Degradation of the Apical Sodium-dependent Bile Acid Transporter (ASBT) by the Ubiquitin-Proteasome Pathway in Cholangiocytes.
J Biol Chem. 2004 279(43): 44931-44937.

9. Yu Z, **Xia X**, Kone BC.
Expression Profile of a Human Inducible Nitric Oxide Synthase Promoter-Reporter In Transgenic Mice During Endotoxemia
Am J Physiol Renal Physiol. 2005 Jan; 288(1):F214-20.

10**.** Alpini G, Glaser S, Baiocchi L, Francis H, **Xia X**, LeSage G.
Secretin activation of the apical Na(+)-dependent bile acid transporter is associated with cholehepatic shunting in rats.
Hepatology. 2005 May; 41(5):1037-45.

PROFESSIONAL CONFERENCE: ((* - poster presentation, ** - oral presentation))

1. *Zheng H, **Xia X** Wu Y.
Loss of Presenilin 1 leads to epidermal hyperplasia and tumorigenesis in adult mice.
Neurobiology of Aging 2000,21(1s), S133.

2. ***Xia X**, Wang P, Sun X, Soriano S, Takashima A, Koo EH, Zheng H.
Mechanisms of asparate 257 of presenilin 1 in development and APP processing in vivo.
Society for Neuroscience 32th Annual Meeting , San Diego, Calif., USA, Nov. 10-15, 2001.

3. *Wang P, **Xia X, S**mith RG, Zheng H.
Defining the role of presenilin and beta-catenin interaction in vivo.
Society for Neuroscience 32th Annual Meeting , San Diego, Calif., USA, Nov. 10-15, 2001.

4. ***Xia X**, Shentu S, Roundtree M, Najam A, LeSage G.
Autocrine TGF-beta signaling in cholangiocytes reduces impaired bile duct repair due to TNF.
Gastroenterology 2003, 124(4-1s), S933.

5. ***Xia X**, Roundtree M, Lu X, Shentu S, Najam A, Merikhi A, LeSage G.
Proteasome-dependent degradation of the cholangiocyte apical bile acid transporter (ASBT) regulates transport activity in cholangiocytes.

Hepatology 2003, 38(4-1s), 680A.

6. **__Xia X__, Lu X, Shentu S, Merikhi F, LeSage G.
IL-1β inhibits the apical bile acid transporter (ASBT) by JNK-dependent phosphorylation of S335 and T399.
Gastroenterology 2004, 126(4-S2), 614

7. **__Xia X__, Lu X, Shentu S, Merikhi F, LeSage G.
Regulation of apical bile acid transporter (ASBT) activity by intracellular to membrane translocation is dependent on cAMP and P38-dependent phosphorylation of ASBT.
Gastroenterology 2004, 126(4-S2), 208.

8. **__Xia X,__ Stafford L, Shentu S, Xiao Y, Liu M, LeSage G.
Small GTPases regulate bile duct morphogenesis and cholangiocyte polarity.
Hepatology 2004, 40(4-1s), 47A.

9. *Jung D, __Xia X__, Moore D, LeSage G.
Nuclear Hormone Receptors Regulate A Reverse Cholesterol Transport Pathway in Cholangiocytes.
Hepatology 2004, 40(4-1s), 493A.

10. **Xia X, Chen Z, Chukwunyere E, Gao D, Xiao Y, LeSage G.
Loss of inhibition of cell cycle progression in cholangiocarcinoma duo to aberrant localization of p27 requires phosphorylation of T153 by Akt.
Gastroenterology 2005, 128(4-S2), P-60.