CURRICULUM VITAE

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PRESENT POSITION AND ADDRESS: Assistant Professor
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EDUCATION:

November 2000-March 2005	Gastroenterological Peptide Hormone Secretion Postdoctoral Fellow The University of Texas Medical Branch
June 1999-Oct 2000	Histology and Embryology Postdoctoral Fellow Harbin Medical University, China
September 1996-June 1999	Pathology Ph.D. Harbin Medical University, China
September 1991-June 1994	Histology and Embryology M. S. Harbin Medical University, China
September 1978-June 1982	Medicine B. M. Dalian Medical College, China

LICENSURE INFORMATION: N/A

PROFESSIONAL WORK HISTORY AND TEACHING EXPERIENCE:

May 21, 2009-present	Assistant professor University of Kentucky
Feb 2008- May 19, 2009	Assistant professor

	The University of Texas Medical Branch
April 2005-Jan 2008	Instructor The University of Texas Medical Branch
November 2000-March 2005	Postdoctoral Fellow The University of Texas Medical Branch
June 1999-Oct 2000	Associate Professor /Postdoctoral Fellow Harbin Medical University, China
June 1994 - May 1999	Lecturer Harbin Medical University, China
July 1982 - August 1991	Research Associate Harbin Medical University, China

RESEARCH ACTIVITIES:

Area of Research: Carcinoid tumors are a slow-growing type of cancer that can arise in several places throughout the body. Carcinoid tumors usually appear in the gastrointestinal tract (appendix, stomach, small intestine, colon, rectum) and from there may metastasize (spread) to the liver. In the liver the tumor produces and releases large quantities of a variety of vasoactive amines and peptides including serotonin (5-HT), chromogranin A (CgA), histamine and neurotensin (NT) into the systemic bloodstream. The consequences are called the carcinoid syndrome, including flushing and diarrhea, The delineation of carcinoid biology has been to date, understudied compared to other cancers. A better understanding of the biology and management of this disease process is of significant clinical and scientific importance and remains a very challenging problem to clinicians caring for patients with carcinoid tumors. Our laboratory has been focusing on PI3K/AKT/mTOR pathway to better understand how this signaling pathway regulates carcinoid tumor cell proliferation and metastasis as well as hormone peptide secretion.

Grant support

Current

R37 AG10885 – National Institutes of Health
Surgical Studies of Ontogeny, Aging and the Gut (PI: Evers, BM)
Assistant professor; 95% effort

MEMBERSHIP IN SCIENTIFIC SOCIETIES:

American Gastroenterological Association (AGA)

BIBLIOGRAPHY:

Articles in Peer-Reviewed Journals:

1. **Li J**, Hellmich MR, Greeley Jr GH, Townsend Jr CM, Evers BM. Phorbol ester-mediated neurotensin secretion is dependent on the PKC-alpha and -delta isoforms. Am J Physiol Gastrointest Liver Physiol. 2002; 283(5):G1197-206.
2. **Li J**, O'Connor KL, Hellmich MR, Greeley GH Jr, Townsend CM Jr, Evers BM. The role of protein kinase D in neurotensin secretion mediated by protein kinase C-alpha/-delta and Rho/Rho kinase. J Biol Chem. 2004; 279(27):28466-74.
3. Li N, Wang Q, **Li J**, Wang X, Hellmich MR, Rajaraman S, Greeley Jr GH, Townsend Jr CM, Evers BM. Inhibition of mitochondrial gene transcription suppresses neurotensin secretion in the human carcinoid cell line BON. Am J Physiol (Gastrointest Liver Physiol) 2005; 288(2):G213-20.
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5. Sugiyama Y, Farrow B, Murillo C, **Li J**, Watanabe H, Sugiyama K, Evers BM. Analysis of differential gene expression patterns in colon cancer and cancer stroma using microdissected tissues. Gastroenterology. 2005;128(2):480-6.
6. Song J, **Li J**, Lulla A, Evers BM, Chung DH. Protein kinase D protects against oxidative stress-induced intestinal epithelial cell injury via Rho/ROK/PKC-δ pathway activation. Am J Physiol Cell Physiol (Am J Physiol Cell Physiol. 2006;290(6):C1469-76.
7. Jackson LN, **Li J**, Chen AL, Townsend CM Jr, Evers BM. Overexpression of wild-type PKD2 leads to increased proliferation and invasion of BON endocrine cells. Biochemical and Biophysical Research Communications 2006;348:945-9.
8. **Li J**, O'Connor KL, Cheng XD, Fang M, Townsend Jr CM, Evers BM. Cyclic AMP-stimulated neurotensin secretion is mediated through Rap1 downstream of both EPAC and PKA signaling pathways. Molecular Endocrinology 2007;21:159-71.
9. **Li J**, Chen AL, Townsend CM Jr, Evers BM. PKD1, PKD2 and their substrate Kidins220 regulate neurotensin secretion in the BON human endocrine cell line J Biol Chem. 2008; 283(5):2614-21.
10. Larson SD, **Li J**, Chung DH, Evers BM. Molecular mechanisms contributing to glutamine-mediated intestinal cell survival Am J Physiol Gastrointest Liver Physiol 2007;293(6):G1262-71.
11. **Li J**, Chen LA, Townsend Jr CM, Evers BM. PKD1, PKD2 and their substrate Kidins220 regulate neurotensin secretion in the BON human endocrine cell line. Journal of Biological Chemistry 2008;283:2614-2621.
12. Song J, **Li J**, Mourot JM, **Evers BM**, Chung DH. Diacylglycerol kinase regulation of protein kinase D during oxidative stress-induced intestinal cell injury. Biochemical and Biophysical Research Communication 2008;375:200-204.
13. Chen LA, **Li J**, Silva SR, Jackson LN, Zhou Y, Watanabe H, Ives KL, Hellmich MR, Evers BM. PKD3 is the predominant protein kinase D isoforms in mouse exocrine pancreas and promotes hormone-induced amylase secretion. Journal of Biological Chemistry 2009;284:2459-2471.

14. Cai Q, **Li J**, Gao T, Xie J, Evers BM. PKCδ is a negative regulator of the hedgehog pathway by inhibition of GLI protein transcriptional activity. Journal of Biological Chemistry 2009;284:2150-2158.
15. Song J, **Li J**, Qiao J, Jain S, Evers BM, Chung DH. PKD prevents H_2O_2-induced apoptosis via NF-κB and p38 MAPK. Biochemical and Biophysical Research Communications. 2009 Jan 16;378(3):610-4.
16. Jackson LN, Chen LA, Larson SD, Silva SR, Rychahou PG, Boor PJ, **Li J**, DeFreitas G, Stafford WL, Townsend Jr. CM, Evers BM. Development and characterization of a novel *in vivo* model of carcinoid syndrome. Clin Cancer Res. 2009 Apr 15;15(8):2747-55.

Abstracts:

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2. Wen X, **Li J**. Gut Kruppel-like Favtor (GKLF/KLF4) downregulates COX-2 Gene expression. Gastroenterology, 122: A238, 2002.
3. **Li J**, O'Connor KL, Vergara LA, Hellmich MR, Greeley Jr GH, Townsend Jr CM, Evers BM. Neurotensin release in response to protein kinase C activation by phorbol esters is mediated through myristoylated alanine-rich C kinase substrate phosphorylation. (DDW) Gastroenterology 2003;124:A77.
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7. **Li J**, O'Connor KL, Chau K, Townsend, Jr CM, Evers BM. PKD2 modulates phorbol ester-mediated neurotensin secretion in the BON endocrine cell line. Gastroenterology 2005;128(suppl 2): A191.
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28. **Li,J**, Townsend, Jr, CM, Evers BM. Kidins220 phosphorylation by PKD is required in the regulation of neurotensin secretion in the BON human endocrine cell line. (DDW) Gastroenterology 2008;134:A250.
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1. Gulhati P, Cai Q, **Li J**, Liu J, Gao T, Qiu S, Evers BM. Effect of targeted inhibition of mTOR complexes on proliferation, apoptosis and cell cycle progression in colorectal carcinoma. Proceedings of the American Association for Cancer Research (in press).
2. **Li J**, Gao T, Liao M, Townsend CM Jr, Evers BM. mTORC1 negatively regulates . neurotensin secretion in the human carcinoid cell line BON. JBC (in submission).
3. Gulhati P, **Li J**, Dong J, Evers BM. Combined inhibition of mTOR and MAPK signaling inhibits growth, induces apoptosis and prevents cell cycle progression in colorectal carcinoma. Gastroenterology 2009 (in press abstract).