

Kavitha V. Kosuri
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Current Position

Medical Oncologist, St. Louis Cancer & Breast Institute
St. Louis, MO
August 2010 - Present

Past Position

Assistant Professor of Internal Medicine, Division of Hematology and Oncology
Ohio State University Medical Center- Columbus, Ohio
July 2006- Present

Post Graduate Medical Training

Fellowship-Hematology and Oncology
Ohio State University Medical Center- Columbus, Ohio
July 2003- June 2006

Residency- Internal Medicine

St. Louis University Hospital- St. Louis, Missouri
July 2001- June 2003

Internship- Categorical Medicine

St. Louis University Hospital- St. Louis, Missouri
July 2000- June 2001

Education

Kirkville College of Osteopathic Medicine, Kirksville, Missouri
Doctor of Osteopathy June, 2000

Emory University, Atlanta, Georgia

Bachelor of Science in Biology and Philosophy May, 1996

Medical Honors

Sigma Sigma Phi- National Osteopathic Honor Society

Professional Affiliations

American Society of Clinical Oncology
American Osteopathic Association

Licensure

USMLE Step I- 06/98	COMLEX Level I- 06/98
USMLE Step II- 03/00	COMLEX Level II- 08/99
USMLE Step III- 12/02	COMLEX Level III- 12/02

American Board of Internal Medicine- Certified

Medical Oncology- Certified

Board Eligible Status in Hematology

State Licensures (Active)

Missouri- # 2003002794

Ohio- # 34-008023

Committees

Institutional

Chair of Lower Gastrointestinal Tumor Board

Member of Gastrointestinal Cancers Disease Specific Committee of The Ohio State University Comprehensive Cancer Center

Member of Gastrointestinal Cancers Research Committee of The Ohio State University Comprehensive Cancer Center

Member of the 2008-2009 Arthur G. James Cancer Hospital and Richard J. Solove Research Institute Bylaws Committee

Clinical/Research Experience

07/2004- 06/2006- T-32 research grant award, Ohio State University, James Cancer Center

Grant awarded to fellows interested in pursuing academic research in the oncology. Project examining the methylation patterns in mesothelioma cell lines and patient tumor samples with RLGS and subsequent cloning of methylated genes of interest.

08/2001- Medical Research Rotation, St. Louis University Hospital, Dept of Pathology

Worked with Dr. Leonard Grosso- Use of PCR to examine the A to C mutation frequency in the MTHFR 1298 gene from tissue biopsy specimens.

05/1995-08/1995- Summer Research Project, Washington University School of Medicine

Worked under Dr. Lee Ratner in the Division of Oncology using the Yeast II Hybrid System to examine the transmission mechanism of HIV-2.

01/1995-5/1996- Undergraduate Research, Emory University School of Medicine, Department of Pharmacology

Worked under supervision of Ken Minneman, PhD to characterize hepatic α_1 adrenergic receptor of rats with regard to pharmacologic binding properties and genetic coding sequences.

09/1993-5/1996- Undergraduate Research, Emory University School of Medicine

Worked with Dr. Monica Farley using recombinant genetic techniques to mutate the pilus gene and consequently effect infectivity of H. Influenza type B.

Publications

Book/Chapter

1. "Mechanisms of DNA Demethylating Drugs Against Cancer Progression", Zunyan Dai, **Kavitha V. Kosuri**, Gregory A. Otterson. DNA Methylation, Epigenetics, and Metastasis: Cancer Metastasis - Biology and Treatment Vol 7: Manel Esteller. Springer, New York 2005 (243-268).

Original Reports

1. Pancio HA, Vander Heyden N, Kosuri K, Cresswell P, Ratner L. "Interaction of human immunodeficiency virus type 2 Vpx and invariant chain." *J Virol*. 2000 Jul;74(13):6168-72.
2. **Kosuri, K**, Muscarella, P, Bekaii-Saab, T. Updates and Controversies in the Treatment of Pancreatic Cancer. *Clinical Advances in Hematology & Oncology*. 2006 January; 4(1):47-54.
3. Bloomston, Mark; Bekaii-Saab, Tanios; **Kosuri, Kavitha**; Cowgill, Sarah, M; Melvin, W Scott; Ellison, E Christopher; Muscarella, Peter 2nd. "Preoperative carbohydrate antigen 19-9 is most

predictive of malignancy in older jaundiced patients undergoing pancreatic resection.” *Pancreas*. 33 (3) 2006 October 246-9.

4. **Kosuri, K**, Wu, X., Otterson, G.A. “Methylation: Potential Role in Capecitabine Resistant Malignant Mesothelioma.” Manuscript pending.

Presentations

1. **Kosuri KV**, Bekaii-Saab T, Bender J, Criswell T, Kane Y, Chidiac T, Young D, Guttridge D, Caligiuri M, Villalona-Calero M. “A phase I/II study of etanercept and gemcitabine in patients with advanced stage and chemotherapy naïve pancreatic adenocarcinoma.” Poster Session. Orlando, Florida. ASCO May 2005.
2. **K. Kosuri**, T. S. Bekaii-Saab, J. Bender, T. Criswell, Y. Kane, T. Chidiac, K.. D. Young, D. Guttridge, M. Caligiuri, M. Villalona-Calero. Disrupting TNF signaling in pancreatic cancer: A phase I/II clinical study in patients with advanced disease. ASCO Symposium in Orlando, FL, May 2005.
3. **Kosuri, KV**, Wu, X., Otterson, G.A. “Methylation: Potential Role in Capecitabine Resistant Malignant Mesothelioma” Poster Session. Las Vegas, Nevada. Mesothelioma Applied Research Foundation Annual Meeting 2005.
4. Fortune B. **Kosuri K**. Weatherby L. Young D. Xu Y. Muscarella P. Ellison J. Thomas J. Bekaii-Saab T. “Gemcitabine and oxaliplatin in advanced pancreaticobiliary cancers: The Ohio State University experience 2006.” World Congress on Gastrointestinal Cancer. Barcelona, Spain. June, 2006.
5. T.S. Bekaii-Saab, **K. Kosuri**, A. Campbell, J. Thomas, M Villalona-Calero. A phase I dose escalation of pharmacobiologically based scheduling of capecitabine and mitomycin C (MMC) in patients with gastrointestinal solid malignancies. ASCO GI Cancer Symposium in Orlando, FL, January 2007.

Abstracts

1. Fortune B, **Kosuri K**, Weatherby L, Young D, Xu Y, Muscarella P, Ellison C, Thomas J, Bekaii-Saab T. Gemcitabine and oxaliplatin in advanced pancreaticobiliary cancers: The Ohio State University experience. P-116. *Annals of Oncology*, Volume 17, June 2006 (S6).
2. B. E. Fortune, **K. Kosuri**, L. Weatherby, D. Young, M. Bloomston, P. Muscarella, C. Ellison, J. Thomas, T. S. Bekaii-Saab. A single center retrospective study of gemcitabine and oxaliplatin in patients with advanced pancreas cancer. January 2007 ASCO Gastrointestinal Cancers Symposium. Abstract Number 194.
3. T.S. Bekaii-Saab, **K. Kosuri**, A. Campbell, J. Thomas, M. Villalona-Calero. A phase I dose escalation study of pharmacobiologically based scheduling of capecitabine and mitomycin C (MMC) in patients with gastrointestinal solid malignancies. January 2007 ASCO Gastrointestinal Cancers Symposium. Abstract Number: 15154.

Other Medical Experiences

Summer 1994- Semester abroad at University College London, London, England

Study of Comparative Healthcare Systems. Examination of socialized, fee for service and nationalized insurance models, with first hand volunteer experience in London’s Royal Free Hospital.

March 2000- Helping Hands Volunteer Medical Camp, Nepal

With local physicians traveled to rural Nepalese villages and set up temporary health services for locals.

August 2010