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Title of the Talk: *Fibrosarcoma: Molecular Profiling of Disease Progression through Comparative Studies*

Biographical Sketch of Sagarika Kanjilal:

NAME: Sagarika Kanjilal

POSITION TITLE: Associate Professor EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
St. Xavier's College, Calcutta, India	Bsc	1982	Chemistry (Honors)
Univ. of Calcutta, Calcutta, India	MSc	1984	Biochemistry
Univ. of Calcutta, Calcutta, India	PhD	1988	Biochemistry
Pennsylvania State University, Univ. Park, PA	PhD	1992	Molecular & Cell Biology

Positions

2009-present: Graduate Faculty, Integrative Biosciences Programs in Molecular Medicine, Bioinformatics & Genomics, Molecular Toxicology and Carcinogenesis, and Pathobiology, Penn State, Univ. Park, PA.

2008-present: Assoc. Prof., Depts. of Pharmacology & Vet. & Biomed. Sciences, Penn State, Univ. Park, PA.

2004-2007: Associate Professor, Dept. of Medicine, Medical School, Univ. of Minnesota, Twin Cities, MN.

2001-2007: Steering Committee, Biomedical Genomics Center, Univ. of Minnesota, MN.

1996-2004: Assistant Prof., Depts. of Dermatology & Vet. Pathobiology, Univ. of Minnesota, Twin Cities, MN.

1992-96: Res. Assoc., Immunology, Epidemiology, & Dermatology, M. D. Anderson Cancer Center, Houston, TX.

1991-92: Postdoctoral Research Associate, Dept. of Pathology, Baylor College of Medicine, Houston, TX.

Honors

2002: Certificate of Appreciation for extraordinary service in animal health, Morris Animal Foundation

1996: Women in Cancer Research Brigid G. Leventhal Award sponsored by Hoechst Marion Roussel

1993-94: R. E. Smith Research Foundation Fellowship

1990-91: Penn State Univ. Graduate School Award

1991: Procter and Gamble Travel Award

1989-90: Penn State Univ. Graduate School Award

1989: Brookhaven National Laboratory Symposium Fellowship

1984: Presidents Medal for excellence in studies towards a Masters degree in Biochemistry

Selected Publications

Y. Sohni, **S. Kanjilal**, and V. Kapur. 2008. Performance evaluation of five commercial real-time PCR reagent systems using TaqMan assays for *B. anthracis* detection. *Clinical Biochemistry* 41: 640-644.

Y. Sohni, **S. Kanjilal**, and V. Kapur. 2008. Cloning and development of synthetic internal amplification control for *B. anthracis* real-time polymerase chain reaction assays. *Diagn Microbiol Infect Dis.* 61: 471-5.

N. Banerji, V. Kapur, and **S. Kanjilal**. 2007. Association of Germ-line Polymorphisms in the Feline p53 Gene with Genetic Predisposition to Vaccine-Associated Feline Sarcoma. *J. Hered.* 98:421-7.

N. Banerji and **S. Kanjilal**. 2006. Somatic alterations in the p53 gene in vaccine-associated feline sarcoma. *Am. J. Vet. Res.* 67:1766-72.

L. Li, S. Munir, J.P. Bannantine, S. Sreevatsan, **S. Kanjilal**, and V. Kapur. 2006. Rapid expression of *Mycobacterium avium* subsp. *paratuberculosis* recombinant proteins for antigen discovery. *Clin Vaccine Immunol.* 14:102-5.

L. Li, J.P. Bannantine, Q. Zhang, A. Amonsin, B.J. May, D. Alt, N. Banerji, **S. Kanjilal**, and V. Kapur. 2005. The Complete Genome Sequence of *Mycobacterium avium* subsp. *paratuberculosis*. *Proc. Natl. Acad. Sci, USA.* 102:12344-9.

N. Banerji, X. Li, J.S. Klausner, V. Kapur, and **S. Kanjilal**. 2002. In vitro chemosensitivity of vaccine-associated feline sarcoma cell lines to vincristine and paclitaxel. *Am. J. Vet. Res.* 63:728-32.

L. Williams, N. Banerji, J.S. Klausner, V. Kapur, and **S. Kanjilal**. 2001. Establishment of two vaccine-associated feline sarcoma cell lines and in vitro testing of chemosensitivity to doxorubicin and mitoxantrone. *Am. J. Vet. Res.* 62:1354-1357.

S. Kanjilal, B.R. Nelson, N. Banerji, and V. Kapur. 1999. Rapid Detection of p53 Mutations in Basal Cell Carcinoma Margins. *J. Invest. Dermatol.* 112:558.

A. Chatterjee, **S. Kanjilal**, A.K. Bhattacharyya. 1999. Purification of human seminal acrosin inhibitor and its kinetics. *J. Biol. Sci.* 24 : 323-328.

L. Williams, J. Zinggeler, J. Klausner, and **S. Kanjilal**. 1998. Field Cancerization. *Vet. Can. Soc. News* 4:8-9.

S. Kanjilal and M. Duvic. 1997. Cutaneous carcinogenesis: Molecular progression model of cancer development. *In* Cutaneous oncology: Pathophysiology, Diagnosis, & Treatment. S.J. Miller, M.E. Maloney (eds.), Blackwell Sc. Co. Pp 19-29.

H. N. Ananthaswamy and **S. Kanjilal**. 1996. Oncogenes and tumor suppressor genes in photocarcinogenesis. *Photochem. Photobiol.* 63: 428-430.

S. Kanjilal, S.S. Strom, G.S. Clayman, R.S. Weber, A.K. El-Naggar, V. Kapur, K.K. Cummings, L.A. Roth, M.R. Spitz, M.L. Kripke, and H.N. Ananthaswamy. 1995. p53 mutations in nonmelanoma skin cancer of the head and neck: molecular evidence for field cancerization. *Cancer Res.* 55: 3604-3609.

S. Kanjilal and H.N. Ananthaswamy. 1995. Molecular biology of skin cancer. *In* Basal and squamous cell skin cancers of the head & neck. R. S. Weber, M. Miller, H. Goepfert (eds), Lea & Febiger, PA. pp 25-36.

S. Kanjilal and H.N. Ananthaswamy. 1995. Epidermal malignant neoplasms: photocarcinogenesis. *In* Cutaneous medicine & surgery: an integrated program in dermatology. K.A. Arndt, P.E. LeBoit, J.K. Robinson, B.U. Wintroub (eds), W.B. Saunders, P/A. pp 1363-1377.

S. Kanjilal and H.N. Ananthaswamy. 1995. The role of oncogenes and tumor suppressor genes in UV carcinogenesis. *In* Skin cancer: mechanisms and human relevance. H. Mukhtar (ed), CRC Press, FL. pp 305-316.

V. Kapur, **S. Kanjilal**, M.R. Hamrick, T.S. Wittam, S. Sawyer, and J.M. Musser. 1995. Molecular population genetic analysis of streptokinase gene of *Streptococcus pyogenes*: mosaic alleles generated by recombination. *Mol. Microbiol.* 16:509-519.

S. Kanjilal, W.E. Pierceall, K.K. Cummings, M.L. Kripke, and H.N. Ananthaswamy. 1993. High frequency of *p53* mutations in ultraviolet radiation-induced murine skin tumors: Evidence for strand bias and tumor heterogeneity. *Cancer Res.* 53: 2961-2964.

S. Kanjilal, W.E. Pierceall, and H.N. Ananthaswamy. 1993. Ultraviolet radiation in the pathogenesis of skin cancers: Involvement of *ras* and *p53* genes. *Cancer Bull.* 45: 205-211.

J.M. Musser, V. Kapur, **S. Kanjilal**, U. Shah, N.L. Barg, K.H. Johnston, P.M. Schlievert, et. al. 1993. Geographic and temporal distribution and molecular characterization of two highly pathogenic clones of *Streptococcus pyogenes* expressing allelic variants of pyrogenic exotoxin A (Scarlet fever toxin). *J. Infect. Dis.* 167: 337-346.

J.M. Musser, K. Nelson, R.K. Selander, D. Gerlach, J.C. Huang, V. Kapur, and **S. Kanjilal**. 1993. Temporal variation in bacterial disease frequency: Molecular population genetic analysis of Scarlet fever epidemics in Ottawa, Canada, and eastern Germany. *J. Infect. Dis.* 167: 759-762.

A.K. Bhattacharyya, **S. Kanjilal**, H. van der Ven, K. Diedrich. 1993. Some biochemical parameters controlling sperm-egg interaction. *Medical Bulletin: Institute of Reproductive Medicine.* 9: 20-32.