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Birthplace and Date: Madurai, India; 03/15/1972

Educational Qualifications and Training:

B.S in Applied Sciences (1992, Fifth Rank)– Thiagarajar College of Engineering, Madurai Kamaraj University, Madurai, India.

M.S in Applied Chemistry (1994, First Rank)– Thiagarajar College of Engineering, Madurai Kamaraj University, Madurai, India.

PhD in Molecular and Cellular Biology (Dec, 1999)– School of Biological Sciences, University of Kentucky, Lexington, KY, USA.

Postdoctoral Fellow (Dec, 1999– Aug, 2001)– Department of Biology, Johns Hopkins University, Baltimore, MD in the lab of Dr.Andy Hoyt (Project entitled “Regulation of the Spindle Checkpoint and its role in controlling late mitotic events”)

Research Associate, Howard Hughes Medical Institute (Sep, 2001– July 2006)– Lab of Dr.Kathy Gould, Vanderbilt University Medical Center (Project entitled “Characterization of the Fission yeast γ -T_uC and the spindle pole body”)
Assistant Professor, University of the Pacific (Aug, 2006– present)

Professional Achievements:

Invited Speaker at the minisymposium entitled Mitotic Checkpoints at the 37th Annual ASCB meeting, Washington DC (December, 1997).

Invited Speaker at the minisymposium entitled “Regulation of the Cell Cycle” at the 45th Annual ASCB meeting, San Francisco (December, 2005).

Recipient of the ASCB travel grant to attend the 37th Annual ASCB meeting at Washington DC (December, 1997).

Author (with Drs. Kathy Gould and Susan Forsburg) of a chapter titled “Cell Cycle Regulation” as part of “Cells” textbook (Jones and Bartlett Publishers, MA).

Recent work on a yeast cell cycle specific microtubule regulator, Mto2p (Venkatram et al., 2005), was highlighted in the June 2005 issue of ASCB Newsletters.

Author of an application article on whole cell PCR in Promega enotes
(<http://www.promega.com/enotes/applications/ap0065.htm>).

Publications:

T.D.Wolkow, P.M.Mirabito, S.Venkatram and J.E.Hamer (2000). Hypomorphic bimA(APC3) alleles cause errors in chromosome metabolism that activate the DNA damage checkpoint blocking cytokinesis in *Aspergillus nidulans*. *Genetics*, 154(1), 167-179.

D.A.Guertin, S.Venkatram, H.L.Gould and D.McCollum (2002). Dma1p prevents mitotic exit and cytokinesis by inhibiting the septation initiation network (SIN). *Developmental Cell*, 3(6), 779-790.

S.Venkatram, J.J.Tasto, R.Feoktistova, J.Jennings et al. Identification and characterization of two novel proteins affecting fission yeast gamma-tubulin complex function. *Molecular Biology of the Cell*, 15(5), 2287-2301

J.L.Morrell, G.C.Tomlin, S.Rajagopalan, S.Venkatram et al. Sid4p-Cdc11p assembles the septation initiation network and its regulators at the fission yeast SPB. *Current Biology*, 14(7), 579-584.

S.Venkatram, J.Jennings, A.Link and H.L.Gould. Mto2p, a novel fission yeast protein required for cytoplasmic microtubule organization and anchoring of the cytokinetic actin ring. *Molecular Biology of the Cell*, 16(6), 3052-3063.

S. Venkatram and H.L.Gould. Mto1p binds to microtubules and regulates the function of the gamma-tubulin complex in fission yeast. (under revision).

Presentations and Abstracts:

Presentations:

S.Venkatram and P.M.Mirabito- Regulation of the nuclear localization of the essential mitotic kinase, NIMA. Invited Speaker at the minisymposium entitled Mitotic Checkpoints at the 37th Annual ASCB meeting, Washington DC (December, 1997).

S.Venkatram and P.M.Mirabito- Regulation of the nuclear localization of the essential mitotic kinase, NIMA in *Aspergillus nidulans*. FRSEB meeting on Yeast Chromosome structure, Function and segregation at Snowmass, CO (August, 1998).

S.Venkatram and H.L.Gould- Role of Fission yeast spindle pole body proteins in regulating mitosis and cytokinesis. Presented at the Cell cycle, Chromosomes and Cancer meeting at Miami Beach, FL (January, 2004).

Invited Speaker at the T.H. Morgan School of Biological Sciences, University of Kentucky on March 11, 2004. Seminar entitled Two poles and a Polo: Role of centrosome in Fission yeast cytokinesis .

J.L.Morrell, G.C.Tomlin, S.Venkatram, H.L.Gould et al.- Sid4p-Cdc11p Assemble the Septation Initiation Network and its Regulators at the S.pombe SPB. Presented at the Cytokinesis meeting at Burlington, VT (July, 2004).

S.Venkatram, J.J.Tasto, W.H.McDonald, J.Yates III and H.L.Gould- Role of γ -Tubulin Complex proteins in EMTOC Formation and Function. Presented at the Third International Fission Yeast meeting at San Diego, CA (August, 2004).

Abstracts:

C.M.Lies, J.Cheng, S.Venkatram and P.M.Mirabito- Genetic analysis of the mitotic checkpoint regulating NIMA Function in *A.nidulans*- 37th Annual ASCB meeting, Washington DC (December, 1997).

S.Venkatram and P.M.Mirabito- Regulation of the nuclear localization of the essential mitotic kinase, NIMA. 38th Annual ASCB meeting, San Francisco (December, 1998).

P.M.Mirabito, S.Venkatram and C.K.Praakash- Genetic analysis of the mitotic checkpoint regulating NIMA Function in *A.nidulans*. Presented at the minisymposium entitled Entry and Exit From Mitosis at the 38th Annual ASCB meeting, San Francisco (December, 1998).

A.Shearer, S.Venkatram and P.M.Mirabito- Live-imaging analysis of NIMA nuclear localization using GFP Fusions. 38th Annual ASCB meeting, San Francisco (December, 1998).

References:

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