

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format on preceding page for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
Sumita Bandyopadhyay		Postdoctoral Associate	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
University of Calcutta, India	B. Sc.	1986	Physics
University of Calcutta, India	M. Sc.	1988	Biophysics & Molecular Biology
University of Calcutta, India	Ph.D.	1996	Biophysics & Molecular Biology

A. Professional Experience:

9/96 - 12/97 Postdoctoral Research Associate, CSIR, Government of India
 1/98 - 9/98 Postdoctoral Research Associate, University of Wisconsin, Madison, WI
 10/98 - present Postdoctoral Research Associate, Medical University of South Carolina, Charleston, SC

Honors and Awards:

1986 National Scholarship for Bachelor's Degree
 1989 Qualified in National Eligibility Test and awarded certificate of merit for ranking among the top five percentile
 9/89 - 8/91 Junior Research Fellow, CSIR, Government of India
 9/91 - 8/94 Senior Research Fellow, CSIR, Government of India
 1994 Scholarship in IUBMB Symposium held in New Delhi, India
 9/94 - 8/96 Senior Research Fellow, Bose Institute, Calcutta, India
 9/96 - 12/97 Postdoctoral Research Associate, CSIR, Government of India
 1999 Institutional Postdoctoral Scholarship from Medical University of South Carolina

B. Publications:

Otake, Y., Sengupta, T.K., Bandyopadhyay, S., Spicer, E.K. and Fernandes, D.J. "Drug-induced destabilization of Bcl-2 mRNA: A new Approach for Inducing Apoptosis in Tumor Cells." **Current Opinions in Investigational Drugs**, 5 (6) in press (2004)

Sengupta, T.K., **Bandyopadhyay, S.**, Fernandes, D.J. and Spicer, E.K. "Identification of nucleolin as an AU-rich element binding protein involved in bcl-2 mRNA stabilization" **J. Biological Chemistry**, 279,10855-10863 (2004)

Bandyopadhyay, S., Sengupta, T.K., Fernandes, D. and Spicer, E.K. "Taxol- and okadaic acid-induced destabilization of bcl-2 mRNA is associated with decreased binding of proteins to a bcl-2 instability element", **Biochem. Pharm.**, 66, 1151-1162. (2003)

Bandyopadhyay, S., Deb, S., Bose, S. and Roy, S. (2002) "Half-site reactivity of F235 Repressor: Implications for the structure of whole repressor ", **Protein Engineering**, 15 (5) 393-410.

Deb, S., **Bandyopadhyay, S.**, and Roy, S. (2000) "DNA Sequence Dependent and Independent Conformational Changes in Multipartite Operator recognition by λ -Repressor", **Biochemistry**, 39: 3377-3383.

Deb, S., **Bandyopadhyay, S.**, and Roy, S. (1998) "Spectroscopic Study of Y210C Lambda-Repressor: An implication for Co-operative Interaction", **Protein Engineering**, 6:481-487.

Bandyopadhyay, S., Mukhopadhyay, C. and Roy, S. (1996) "Dimer-Dimer Interfaces of the Lambda-Repressor are Different in Liganded and Free States", **Biochemistry**, 35: 5033-5040.

Bandyopadhyay, S., Banik, U., Mandal, N.C., Bhattacharyya, B., and Roy, S. (1995) "Role of C-Terminal tail Region in the Self-Assembly of Lambda-Repressor", **Biochemistry**, 34: 5090-5097.

Saha, R., Banik, U., **Bandyopadhyay, S.**, Mandal, N.C., Bhattacharyya, B., and Roy, S. (1992) "An Operator-Induced Conformational in the C-Terminal Domain of the Lambda-Repressor", **J. Biological Chemistry**, 267: 5862-5867.

A. Research Support:

None