

CURRICULUM VITAE

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Date and place of birth: July 28, 1958; Slater, Missouri.

Marital Status: Married; Wife, Brenda.
Children; Daniel and Robert.

EDUCATION:

<u>Dates</u>	<u>Institution</u>	<u>Degree</u>	
	<u>Area</u>		
1976-1980	Central Methodist College, Fayette, MO	B.A.	Biology
1980-1985	University of Mississippi Medical Center, Jackson, MS	Ph.D.	Microbiology
1985-1989	University of Texas-Austin, TX	Post-doctoral training	Molecular Virology

ACADEMIC POSITIONS:

1989-1992 Research Assistant Professor of Biochemistry, University of Missouri, Columbia, MO.
1992-1999 Assistant Professor of Biochemistry, University of Missouri, Columbia, MO.
1999-Present Associate Professor of Biochemistry, University of Missouri, Columbia, MO.

HONORS, AWARDS AND FELLOWSHIPS:

- 1976 -Curators Scholarship, Central Methodist College.
1986 -American Cancer Society (ACS) Post-Doctoral Fellowship, University of Texas-Austin.
-NIH Post-Doctoral Fellowship, University of Texas-Austin.
(Declined to accept ACS fellowship)
1993 -American Heart Association Established Investigator, University of Missouri-Columbia.
-National Institutes of Health, Director's "Shannon Award". University of Missouri-Columbia.
1995 -Children's Miracle Network Telethon Award, University of Missouri, Columbia, MO.
1998 -Excellence in Medical Education Award, University of Missouri-Columbia.
1999 -Excellence in Medical Education Award, University of Missouri-Columbia.
2003 -Order of Socrates (Medical Education Excellence-Master Teacher). University of Missouri-Columbia.
2003 -Jane Hickman Teacher of the Year Award, University of Missouri School of Medicine and Medical Alumni Association.

PROFESSIONAL SOCIETIES:

- 1980-2005 American Society for Microbiology.
1988-2005 American Association for the Advancement of Science.
1992-present The Society of the Sigma Xi.
1993-present American Society for Biochemistry and Molecular Biology.

Peer-reviewed Research Articles:

1. Martin, M.E., Strahan, R.C, Evans, S.L., Salin, M.L., Welch, B., Arceneaux, J.E.L.and Byers, B.R. Oxygen Toxicity in *Streptococcus mutans*: Manganese, Iron and Superoxide Dismutase. (1984) J. Bacteriol. 159, 745-749.
2. Evans, S.L., Arceneaux, J.E.L., Byers, B.R., Martin, M.E. and Aranha, H. Ferrous Iron Transport System in *Streptococcus mutans*. (1985) J. Bacteriol. 1096-1099.
3. Martin, M.E., Byers, B.R., Olson, M.O.J., Salin, M.D., Arceneaux, J.E.L. and Tolbert, C. A *Streptococcus mutans* Superoxide Dismutase That is Active With Either Manganese or Iron as a Cofactor. (1986) J. Biol. Chem. 261, 9361-9367.
4. Martin, M.E., Piette, J., Yaniv, Tang, W-J. and Folk, W.R. Activation of the Polyomavirus Enhancer by a Murine Activator Protein 1 (AP1) Homolog and Two Contiguous Proteins. (1988) Proc. Nat. Acad. Sci. 85, 5839-5843.

5. Yoo, W., Martin, M.E. and Folk, W.R. The PEA1 and PEA3 Enhancer Elements Are Primary Components of the Polyomavirus Late Transcription Initiator Element (INR). (1991). J. of Virol. 65:5391-5400.
6. Martin, M.E., Yang, X. and Folk, W.R. Expression of a 91 kd PEA3 Binding Protein is Down-Regulated During Differentiation of F9 Embryonal Carcinoma Cells (1992). Mol. Cell. Biol. 12:2213-2221.
7. Langdon, M.L. and Martin, M. E. Effect of Helical Spacing on Transcription Factor GABP DNA Binding. (1995). MU McNair Journal. 3:19-23.
8. Martin, M.E., Chinenov, Y., Yu, M., Schmidt, T.K., and Yang, X-Y. Redox Regulation of GA-Binding Protein- α DNA Binding Activity. (1996). J. Biol. Chem. 271:25617- 25623.
9. Yu, M., Yang, Y., Schmidt, T., Chinenov, Y., Wang, R. and Martin M. E. GABP-Dependent Transcription Initiator Elements: Effect of Helical Spacing Between PEA3/Ets Binding sites on Initiator Activity. (1997). J. Biol. Chem. 272:29060-29067.
10. Chinenov, Y., Schmidt, T.K., Yang, X-Y. and Martin, M.E. Identification of Redox Sensitive Cysteines in GABP α that Regulate DNA Binding and Heterodimerization. (1998). J. Biol. Chem. 273:6203-6209.
11. Chinenov, Y., Henzl, M., and Martin, M. E. The α and β Subunits of the GA-Binding Protein Form a Stable Heterodimer in Solution: Revised Model of Heterotetrameric Complex Assembly. (2000). J. Biol. Chem. 275:7749-7756.
12. Chinenov, Y., Coombs, C. and Martin, M. E. Isolation of a Bi-directional Promoter directing expression of the mouse GABP α and ATP synthase coupling factor 6 genes. (2001). GENE 261:311-320.
13. Patton, J., Block, S. Coombs, C., and Martin, M. E. Identification of functional elements in the murine Gabp α /ATP synthase Coupling Factor 6 bi-directional promoter. (2006). GENE. 369:35-44.
14. Patton, J., Klyachkin, Y., and Martin, M. E. Regulation of mRNA expression for mitochondrial and cytoplasmic Glutathione Reductase Proteins by alternative transcription start sites under the control of Sp1- and Ets-related factors. (2007). In Preparation.

Book Chapters:

Folk, W.R., Tang, W-J., Martin, M. E., Lednický, J., Berger, S. and Adams, R.H. Sequences Affecting Polyomavirus Replication and Transcription. in (Y. Aloni, ed.) In Molecular Aspects of Papovaviruses. (1987) Martinus Nijhoff, Publisher.