

Frank A. Witzmann: Publications

Books/Book Chapters

1. Witzmann, F.A., D.L. Costill, W.J. Evans, W.J. Fink, P.J. Van Handel. (1977). *Analytical Methods for the Measurement of Human Performance*, Ball State University Press.
2. Costill, D.L., W.J. Fink, P.J. Van Handel, J.M. Miller, W.M. Sherman, P.A. Watson, F.A. Witzmann. (1979). *Analytical Methods for the Measurement of Human Performance*, 2nd ed., Ball State University Press.
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5. Witzmann, F.A. (2001). Proteomics. In: *Pharmacogenomics*, Kalow, W., U.A. Meyer., R. Tyndale, eds., Marcel Dekker, Inc., New York, NY, pp. 253-289.
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10. Witzmann, F.A. (2005). Preparation of Mammalian Tissue Samples for Two-dimensional Electrophoresis. In: *The Proteomics Protocols Handbook*, John M. Walker, ed., The Humana Press, Totowa, NJ, pp. 31-35.
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12. Bai, F., S. Liu., F.A. Witzmann (2006). "De-streaking" strategies for two-dimensional electrophoresis. In: *Separation Methods in Proteomics*, G.B. Smejkal, A. Lazarev, eds., Taylor, Francis, New York, NY, pp. 207-217.
13. Witzmann, F.A. (2006). Proteomics. In: *Biological Concepts and Techniques in Toxicology: An Integrated Approach*, J.E. Riviere, ed., Taylor and Francis, New York, NY, pp. 25-46.
14. Bai, F., F.A. Witzmann (2007). Synaptosome Proteomics. In: *Subcellular Fractionation and Proteomics*, M.D. Faupel, E. Bertrand, Eds., Springer, New York, NY, (in press).
15. Witzmann, F.A., N. A. Monteiro-Riviere. (2007). Effect of carbon nanotube exposure on keratinocyte protein expression. In: *Nanotoxicology: Characterization, Dosing, and Health Effects*, L. Tran, N.A. Monteiro-Riviere, Eds. Informa Healthcare, New York, NY, (in press).
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Refereed Journal Articles

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81. Brown, D.P.G., Y. Gökmen-Polar, L. Jiang, J. Tan, H. Ringham, D.J. Janecki, G. Qi, F.A. Witzmann, G.W. Sledge, M. Wang. (2007). A comparative proteomic study to characterize the vinblastine resistance in human ovarian cancer cells. *Proteomics - Clinical Applications* (in press).
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85. Ott, L.W., K.A. Resing, A.W. Sizemore, J.W. Heyen, R.R. Cocklin, N.M. Pedrick, H.C. Woods, J.Y. Chen, M.G. Goebel, F.A. Witzmann, M.A. Harrington. (2007). Tumor necrosis factor-alpha and interleukin-1 induced cellular responses: coupling proteomic and genomic information. *J. Proteom. Res.* (in review).
86. Li, J., S. Abraham, F.A. Witzmann, L. Cheng, M. Koch, J. Xie, S.I. Mohammed. (2007). Proteomic-based approach for biomarker discovery in early detection of bladder cancer. *Proteomics* (in review).
87. Sheridan, K.M., M.J. Ferguson, M.R. Distasi, F.A. Witzmann, S.J. Miller, J.L. Unthank. (2007). Impact of genetic background and aging on mesenteric collateral growth capacity in F344, BN, and F344xBN rats. *Circ. Res.* (in review).

Published Meeting Abstracts:

- A1. Witzmann, F.A., W.J. Fink, C. Foster, J.L. Ivy. (1978). Changes in muscle lipid metabolism during endurance training. *Med. Sci. Sports* 10, 41.
- A2. Costill, D.L., W.J. Fink, C. Foster, J.L. Ivy, F.A. Witzmann. (1978). Adaptations in skeletal muscle of juvenile diabetics during physical training. *Diabetes* 27 (Suppl. 1), 471.
- A3. Witzmann, F.A. D.H. Kim, R.H. Fitts. (1979). The effect of prolonged activity on the contractile properties of fast and slow skeletal muscle. *The Physiologist* 22, 135.
- A4. Fitts, R.H., D.H. Kim, F.A. Witzmann. (1979). The effect of prolonged activity on the sarcoplasmic reticulum and myofibrils of fast and slow skeletal muscle. *The Physiologist* 22, 38.
- A5. Witzmann, F.A., D.H. Kim, R.H. Fitts. (1980). The effect of hindlimb immobilization on the contractile properties of fast and slow skeletal muscle. *Med. Sci. Sports Exercise* 12, 91.

- A6. Kim, D.H., J.B. Courtright, B.R. Unsworth, F.A. Witzmann, R.H. Fitts. (1980). The effect of hindlimb immobilization on the sarcoplasmic reticulum of fast and slow skeletal muscle. *Med. Sci. Sports Exercise* 12, 90.
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- A8. Kim, D.H., F.A. Witzmann, R.H. Fitts. (1981). The effect of thyrotoxicosis on sarcoplasmic reticulum of fast and slow skeletal muscle. *Fed. Proc.* 40, 514.
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