

## Lorianne Stehouwer Turner

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### Education

|                          |                                      |                  |
|--------------------------|--------------------------------------|------------------|
| 2006 – present           | Medical University of South Carolina | Charleston, SC   |
| Post-doctoral Fellowship | Microbiology and Immunology          |                  |
| 2000 – 2006              | Temple University                    | Philadelphia, PA |
| Ph.D.                    | Microbiology & Immunology            |                  |
| 1993 – 1997              | University of Michigan               | Ann Arbor, MI    |
| B.S.                     | Biology                              |                  |

### Peer Reviewed Publications

A.F. Saad, W.D. Meacham, A. Bai, V. Anelli, S. Elojeimy, A.E.M. Mahdy, L.S. Turner, J. Cheng, A. Bielawska, J. Bielawski, T.E. Keane, L.M. Obeid, Y.A. Hannun, J.S. Norris, and X. Liu. 2007. The Functional Effects of Acid Ceramidase Over-expression in Prostate Cancer Progression and Resistance to Chemotherapy. *Cancer Biology & Therapy* In Press.

D.H. Holman, L.S. Turner, A. El-Zawahry, S. Elojeimy, X. Liu, J. Bielawski, Z.M. Szulc, K. Norris, Y.H. Zeidan, Y.A. Hannun, A. Bielawska, and J.S. Norris. 2007. Lysosomotropic acid ceramidase inhibitor induces apoptosis in prostate cancer cells. *Cancer Chemotherapy and Pharmacology* In Press.

S. Elojeimy, X. Liu, J.C. Mckillop, A.M. El-Zawahry, D.H. Holman, J.C. Cheng, J.Y. Cheng, W.D. Meacham, A.E.M. Mahdy, A.F. Saad, L.S. Turner, T.A. Day, J-Y. Dong, A. Bielawska, Y.A. Hannun, and J.S. Norris. 2007. Role of Acid Ceramidase in Resistance to FasL: Therapeutic Approaches Based on Acid Ceramidase Inhibitors and FasL Gene Therapy. *Molecular Therapy* 15(7):1259-63.

L.S. Turner, A.Y. Tsygankov, E.E. Henderson. 2006. StpC-based gene therapy targeting latent reservoirs of HIV-1. *Antiviral Research* (72) 233-241.

## **Other Publications**

X. Liu, S. Elojeimy, L.S. Turner, A.E.M. Mahdy, Y.H. Zeidan, A. Bielawska, J. Bielawski, J-Y. Dong, A.M. El-Zawahry, G.-W. Guo, Y.A. Hannun, D.H. Holman, S. Rubinchik, Z. Szulc, M. Tavassoli, and J.S. Norris. 2007. Implementation of acid ceramidase inhibitors as adjuncts to increase the efficacy of cancer therapy. *Gene Therapy 2007*. T. Ochiai, H. Shimada, and M. Tagawa, editors. 21st Century's Center of Excellence Program of Japanese Ministry of Education and Science, Chiba. 58-65.

L.S. Turner, A.Y. Tsygankov, and E.E. Henderson. 2004. Gene-based Induction Therapy Targeting Latent Reservoirs of HIV-1. *Proceedings of the XV International AIDS Conference*, Bangkok, Thailand, July 11-16, 2004.

## **Ph.D. Dissertation**

Induction of HIV-1 Expression and Sensitization to Drug Therapy in Latently Infected Cells by a Suicide Vector Containing *Herpesvirus saimiri* StpC. Temple University, Philadelphia, PA, May 2006.

## **Poster Presentations in Conferences and Symposia**

Combination Treatment Strategies that Modify Ceramide Metabolism to Increase the Efficacy of FasL Gene Therapy. L.S. Turner, X. Liu, S. Elojeimy, A.E.M. Mahdy, A.F. Saad, W.D. Meacham, J-Y. Dong, T.A. Day, T.E. Keane, Y.A. Hannun, and J.S. Norris. American Society of Gene Therapy Annual Meeting, Seattle, WA, May 2007.

Acid Ceramidase Inhibition as a Future Treatment Option for Prostate Cancer. L.S. Turner, D.H. Holman, J.Y. Cheng, J.C. Cheng, A. El-Zawahry, S. Elojeimy, X. Liu, A.E.M. Mahdy, W.D. Meacham, A.F. Saad, J. Bielawski, Z.M. Szulc, K. Norris, Y.H. Zeidan, Y.A. Hannun, A. Bielawska, and J.S. Norris. MUSC Hollings Cancer Center Research Day, November 2006.

Gene-Based Induction Therapy Targeting Latent Reservoirs of HIV-1. L.S. Turner, A.Y. Tsygankov, and E.E. Henderson. International AIDS Conference, Bangkok, Thailand, July 2004.

Suicide Vector Therapy to Eliminate Latent Reservoirs of HIV-1. L.S. Turner, A.Y. Tsygankov, and E.E. Henderson. Eastern Pennsylvania Branch American Society for Microbiology Infection and Immunity Forum, June 2004.

Targeting Latent Reservoirs of HIV-1 Using *Herpesvirus saimiri* StpC. L.S. Turner, M.G. Hasham, A.Y. Tsygankov, and E.E. Henderson. Temple University School of Medicine Graduate Student Association Dawn B. Marks Memorial Research Conference, December 2003.

Induction of Latent HIV-1 Reservoirs Using *Herpesvirus saimiri* StpC. L.S. Turner, M.G. Hasham, A.Y. Tsygankov, and E.E. Henderson. Eastern Pennsylvania Branch American Society for Microbiology Infection and Immunity Forum, May 2003.

**Awards and Scholarships**

Scholarship from the International AIDS Society to attend the International AIDS Conference, Bangkok, Thailand, July 11-16, 2004

**Professional Societies**

American Society of Gene Therapy, 2007 - present

American Society for Microbiology, 2003 - 2006

Eastern Pennsylvania Branch American Society for Microbiology, 2000 – 2006