

**THOMAS M. J. NIEDERMAN, M.D., Ph.D.**

University Cancer Institute  
2240 Woolbright Road, Suite 415  
Boynton Beach, Florida, 33426

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|-----------|------------------------------------------------------------------------------------------------------------------------|
| 1994-1995 | Brigham and Women's Hospital / Harvard Medical School<br>Internal Medicine Internship<br>Boston, Massachusetts         |
| 1995-1996 | Brigham and Women's Hospital / Harvard Medical School<br>Internal Medicine Residency<br>Boston, Massachusetts          |
| 1996-2000 | Dana-Farber Cancer Institute / Harvard Medical School<br>Medical Oncology Fellowship<br>Boston, Massachusetts          |
| 1997-2000 | Harvard University Health Services<br>Assistant Staff Physician<br>Cambridge, Massachusetts                            |
| 1997-2000 | Children's Hospital / Harvard Medical School<br>Howard-Hughes Postdoctoral Research Associate<br>Boston, Massachusetts |
| 2000-2004 | Cleveland Clinic Florida<br>Acting Chairman, Department of Hematology and Oncology<br>Weston, Florida                  |
| 2004-2006 | Palm Beach Institute of Hematology and Oncology, L.L.C.<br>Private Practice<br>Boynton Beach, Florida                  |
| 2006-     | University Cancer Institute, L.L.C.<br>Managing Member<br>Private Practice<br>Boynton Beach, Florida                   |

**APPOINTMENTS:**

1. Co-chair, Cleveland Clinic Florida Cancer Committee
2. Associate Director, Residency Training Program,  
Cleveland Clinic Florida, 2000-2004

3. Affiliate, H. Lee Moffitt Cancer Center, 2004-
4. Affiliate Clinical Associate Professor,  
Florida Atlantic University, 2005-
5. Chairman, Cancer Committee, JFK Medical Center 2008-  
2010
6. Chairman, Cancer Committee, Bethesda Memorial  
Hospital 2010-2011
7. Hematology/Oncology Program Director, Residency  
Training Program, Univ. of Miami/JFK Hospital

**LICENSURE:**

1. Commonwealth of Massachusetts  
Board of Registration in Medicine, 1996-2010
2. State of Florida  
Board of Registration in Medicine, 2000-present

**BOARD CERTIFICATION:**

American Board of Internal Medicine:  
Internal Medicine, 1997-2017

American Board of Internal Medicine:  
Medical Oncology, 2000-present

**EDUCATION:**

|           |                                                                                                    |       |
|-----------|----------------------------------------------------------------------------------------------------|-------|
| 1987-1994 | Washington University School of Medicine<br>St. Louis, Missouri                                    | M.D.  |
| 1988-1992 | Washington University<br>Depts. of Medicine and Molecular Microbiology<br>St. Louis, Missouri      | Ph.D. |
| 1983-1987 | University of California, Los Angeles<br>Biochemistry (summa cum laude)<br>Los Angeles, California | B.S.  |

## **HONORS AND AWARDS:**

### **Medical and Graduate School**

1994 Spencer T. and Ann W. Olin Medical Scientist Fellowship  
1994 Alexander Berg Award in Molecular Microbiology  
1994 Washington University Internal Medicine Club Book Award  
1994 American Federation for Clinical Research Award  
1989 Public Health Service Training Grant in Molecular Hematology  
1987 Medical Scientist Training Program Grant - Washington Univ.

### **Undergraduate**

1987 Phi Beta Kappa  
1987 Summa cum laude  
1987 Highest Honors in Biochemistry  
1987 UCLA Chemist's Association Award for Excellence  
1987 Southern California American Chemical Society Award  
1985 UCLA Regent's Scholarship Award  
1985 President's Undergraduate Research Fellowship  
1985 Division of Honors Research Summer Stipend  
1983 UCLA Alumni Scholarship Award

## **RESEARCH EXPERIENCE:**

2001- Physician initiated clinical research in gastric cancer (FLIP Protocol) and pancreatic cancer, (GOLF Protocol).

1997-2000. Adoptive Immunotherapy of Solid Tumors with Genetically Modified Cytotoxic T cells. Mentor, Richard C. Mulligan, Ph.D.

1988-1992. Molecular Analysis of the HIV-1 and SIV Negative Factor, Nef. Departments of Medicine and Molecular Microbiology, Washington University. Ph.D. Thesis Advisor, Lee Ratner, M.D., Ph.D.

1985-1987. The Chlorinating Agent Generated and Utilized by Human Neutrophils. Department of Chemistry. Undergraduate Research Advisor, Christopher S. Foote, Ph.D.

## ORIGINAL RESEARCH ARTICLES

1. **Niederman, T.M.J.**, Thielan, B.J. and Ratner, L. The Negative Factor (Nef) of the Human Immunodeficiency Virus Type 1 is a Transcriptional Silencer. *Proceedings of the National Academy of Sciences, USA*, **86**: 1128-1132, 1989.
2. **Niederman, T.M.J.**, Hu, W. and Ratner, L. Simian Immunodeficiency Virus Negative Factor Suppresses the Level of Viral mRNA in COS Cells. *Journal of Virology*, **65**: 3538-3546, 1991.
3. **Niederman, T.M.J.**, Garcia, J.V., Hastings, W.R., Luria, S. and Ratner, L. HIV-1 Nef Protein Inhibits the Induction of NF-kB in Human T-cells. *Journal of Virology*, **66**: 6213-6219, 1992.
4. **Niederman, T.M.J.**, Hastings, W.R., Luria, S., Bandres, J.C. and Ratner, L. HIV-1 Nef Protein Inhibits the Recruitment of AP-1 DNA-Binding Activity in Human T-cells. *Virology*, **194**:338-344, 1993.
5. **Niederman, T.M.J.**, Hastings, W.R. and Ratner, L. Myristoylation-Enhanced Binding of HIV-1 Nef Protein to T-cell Skeletal Matrix. *Virology*, **197**: 420-425, 1993.
6. **Niederman, T.M.J.** Molecular Analysis of the HIV-1 and SIV Negative Factor, Nef. Ph.D Dissertation. Washington University, 1992.
7. Snitkovsky, S., **Niederman, T.M.J.**, Carter, B.S., Mulligan, R.C. and Young, J.A.T. A TVA-Single Chain Antibody Fusion Protein Mediates Specific Targeting of a Subgroup A Avian Leukosis Virus Vector to Cells Expressing a Tumor-Specific Form of Epidermal Growth Factor Receptor. *Journal of Virology*, **74**: 9540-9545, 2000.
8. Snitkovsky, S., **Niederman, T.M.J.**, Mulligan, R.C., and Young, J.A.T. Targeting Avian Leukosis Virus Subgroup A Vectors by Using a TVA-VEGF Bridge Protein. *Journal of Virology*, **75**: 1571-1575, 2001
9. **Niederman, T.M.J.**, Ghogawala, Z., Carter, B.S., Tompkins, H.S., Russell, M., and Mulligan, R.C. Antitumor Activity of Cytotoxic T Lymphocytes Engineered to Target Vascular Endothelial Growth Factor Receptors. *Proceedings of the National Academy of Sciences U S A.*, **99**: 7009-7014, 2002.

## INVITED ARTICLES AND REVIEWS

1. Ratner, L., **Niederman, T.M.J.**, Lozeron, H., and Bryant, M. Structure and Function of Human and Simian Immunosuppressive Virus Nef proteins. In: Haseltine, W.A., and Wong-Staal, F.eds. The Genetic Structure and Regulation of HIV. p.437-450. Raven Press, 1991.
2. Ratner, L., **Niederman, T.M.J.**, Lozeron, H., and Bryant, M. Structure and Function of HIV and SIV Nef Proteins. In: Kumar, A.,ed. Advances in Molecular Biology and Targeted Treatment for AIDS. p.203-216. Plenum Press, 1991.
3. **Niederman, T.M.J.**, and Ratner, L. Functional Analysis of HIV-1 and SIV Nef Proteins. *Research in Virology*. **143**: 43-46, 1992.
4. Ratner, L. and **Niederman, T.M.J.** Nef. *Current Topics in Microbiology and Immunology*. **193**: 169-208, 1995.
5. **Niederman, T.M.** and Wexner, S.D. Adjuvant Therapy for Stage II and Stage III Rectal Cancer. In: 13<sup>th</sup> Annual Colorectal Disease Symposium. Ft. Lauderdale, 2002.
6. **Niederman, T.M.J.** and Wexner, S.D. Adjuvant Therapy for Colorectal Cancer. In: Cameron, J.L., ed. *Current Surgical Therapy*, Eighth Edition. Mosby Press, 2003.
7. Avital, S., Choti, M., **Niederman, T.**, Rosin, D., Rosenthal, R. Gastric sarcoma. *eMedicine Journal* (electronic resource) 2002 Feb 19:3(2).

## PRESENTATIONS

1. On the Chlorinating Agent Generated and Utilized by Human Neutrophils. Southern California American Chemical Society Undergraduate Research Conference. Los Angeles, CA. April, 1987.
2. The Human Immunodeficiency Virus Negative Factor (Nef) Regulates the Level of Viral RNA Expression. American Federation for Clinical Research Midwest Regional Meeting. Chicago, IL. November, 1988.
3. The Human Immunodeficiency Virus Negative Factor is a Transcriptional Silencer. American Society of Hematology Annual Meeting. San Antonio, TX. December, 1988.

4. HIV-1 Nef Protein Inhibits the Induction of NF-kB and AP-1 in Human T-cells. Cold Spring Harbor RNA Tumor Viruses Meeting. Cold Spring Harbor, N.Y. May, 1992.
5. HIV-1 Nef Protein Inhibits the Induction of NF-kB and AP-1 in Human T-cells. Laboratory of Tumor Cell Biology Annual Meeting. Washington, D.C. August, 1992.
6. Adjuvant Therapy for Stage II and Stage III Rectal Cancer. 13<sup>th</sup> Annual Colorectal Disease Symposium. Ft. Lauderdale, 2002.
7. Medical Management of Gastric Cancer: New Paradigms, New Hope. Medical Grand Rounds, Cleveland Clinic Florida, 2003.

#### MEETING ABSTRACTS

1. Ratner, L. and **Niederman, T.** Analysis of the HIV-1 R and F gene products. Clinical Research. May, 1988.
2. Ratner, L. and **Niederman, T.** Characterization of the HIV-1 R and F gene products. Cold Spring Harbor RNA Tumor Virus Meeting May, 1988.
3. Ratner, L. and **Niederman, T.** Analysis of the function of the HIV-1 R and 3'orf gene products. Proc.of IV International Conference on AIDS. June, 1988.
4. **Niederman, T.** and Ratner, L. Nef Responsive Sequences (NRS) of the HIV-1 LTR Mediate Transcriptional Suppression. Journal of Cellular Biochemistry. February, 1989.
5. **Niederman, T.** and Ratner, L. SIV Nef suppresses virus replication and mRNA accumulation. Cold Spring Harbor RNA Tumor Virus Meeting. May, 1990.
6. **Niederman, T.** and Ratner, L. SIV Nef suppresses virus replication and mRNA accumulation. Conference on Advances in Targeted Treatments for AIDS. Washington, D.C., 1990.

7. Ratner, L., **Niederman, T.M.J.**, Lozeron, H., and Bryant, M.L. Structure and function of HIV and SIV Nef products. Harvard AIDS Institute. November, 1990.
8. **Niederman, T.M.J.** and Ratner, L. Nef mediated transcriptional suppression and its cellular release. Cold Spring Harbor RNA Tumor Viruses Meeting. May, 1991.
9. **Niederman, T.M.J.** and Ratner, L. HIV-1 Nef protein inhibits the induction of NF-kB and AP-1 in human T-cells. Proc.of VIII International Conference on AIDS. July, 1992.
10. **Niederman, T.M.J.** and Ratner, L. HIV-1 Nef protein inhibits the induction of NF-kB and AP-1 in human T-cells. American Society of Virology, 11th Annual Meeting. July, 1992.
11. Segul, N., **Niederman, T.**, Kaplan, E., et al. Effects of radiotherapy on different histopathologic types of rectal carcinoma. Association of Coloproctology of Great Britain and Ireland. July, 2003.
12. **Niederman, T.** and Stone, E. Fluorouracil, folinic acid, irinotecan, and cisplatin (FLIP) for patients with metastatic gastric cancer (MGC): preliminary report of a Phase II study. 1<sup>st</sup> Annual ASCO GI Oncology Symposium. January, 2004.
13. **Niederman, T.** and Stone, E. Fluorouracil, folinic acid, irinotecan, and cisplatin (FLIP) for patients with metastatic gastric cancer (MGC): report of a Phase II pilot study. International Society of Gastrointestinal Oncology Inaugural Meeting. July, 2004.
14. **Niederman, T.** and Stone, E. Fluorouracil, folinic acid, irinotecan, and cisplatin (FLIP) for chemotherapy-naïve patients with metastatic gastric cancer (MGC): preliminary report of a pilot phase II study. 2<sup>nd</sup> Annual ASCO GI Oncology Symposium. January, 2005.
15. **Niederman, T.** and Stone, E. Fluorouracil, leucovorin, irinotecan, and cisplatin (FLIP) in chemotherapy naïve metastatic gastric carcinoma: Final results of a pilot phase II trial. 3rd Annual ASCO GI Oncology Symposium. January, 2006.