# **CURRICULUM VITAE**

## I. PERSONAL

Name: Dao Minh Nguyen

Current Academic Rank: Professor

Current Track of Appointment: Clinical Educator track

Primary Department: Surgery

Endowed Chair: The B. and Donald Carlin Chair of Thoracic Surgical

Oncology.

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# II. HIGHER EDUCATION.

#### **UNDERGRADUATE**

 Dawson College (CEGEP), Montreal, Quebec, Canada Health Science Program (September 1979 – May 1981) Diploma of Collegiate Studies (May, 1981)

2. McGill University, Montreal, Quebec, Canada

Faculty of Science, Medical Preparatory Year (September 1981 - May, 1982)

## MEDICAL AND GRADUATE STUDIES

1. McGill University,

Faculty of Medicine (August 1982-May 1986)

M.D.C.M. (Doctorem Medicinae et Chirurgiae Magistrum) degree conferred in May 1986

2. McGill University, Montreal, Quebec, Canada

Faculty of Graduate Studies and Research

Department of Experimental Surgery (September 1988-May 1993)

Thesis: "Bronchoalveolar Lavage Lymphocyte Cytotoxicity in Rejecting and Infected Lung Allografts"

Master of Science (MSc) Degree granted in May 1993

### POST-MD EDUCATION

- 1. Integrated Internship in General Surgery, The Montreal General Hospital, McGill University (July 1 1986- June 30 1987).
- 2. Residency in General Surgery, General Surgery Residency Training Program McGill University (July 11987- June 30 1992)
- 3. Research Fellowship, University Surgical Clinic, Department of Surgery, The Montreal General Hospital, McGill University (July 11988- June 30 1990).
- 4. Residency in Cardiothoracic Surgery, Cardiothoracic Surgery Residency Training Program McGill University (July 11992- June 301994).

5. Clinical and Research Fellowship in Thoracic Oncology, Department of Thoracic and Cardiovascular Surgery, MD Anderson Cancer Center, Houston, Texas, USA (July 41994- June 301996).

### **CERTIFICATION/LICENSURE**

- 1. Medical license of the State of Florida (ME99693).
- 2. Diplomate of the American Board of Thoracic Surgery (1995-2005), re-certified in December 2005 (2005-2015).
- 3. Specialist Certificate of the Royal College of Physicians and Surgeons of Canada (Cardiothoracic Surgery) (1994-present).
- 4. Specialist Certificate of the Corporation Professionelle des Medecins du Quebec (Cardiovascular and Thoracic Surgery) (1994-present).
- 5. Certification of Completion of Cardiothoracic Surgery Training Program at McGill University (1994).
- 6. Diplomate of the American Board of Surgery (1993).
- 7. Specialist Certificate of the Royal College of Physicians and Surgeons of Canada (General Surgery) (1992-present).
- 8. Specialist Certificate of the Corporation Professionelle des Medecins du Quebec (General Surgery) (1992-present).
- 9. Certificate of Completion of General Surgery Residency Training Program at McGill University (1992).
- 10. Licentiate of the Medical Council of Canada (LMCC), (1987) (Certificate number 64017).
- 11. Diplomate of the National Board of Medical Examiners, U.S.A. (1987) (Certificate number 335369).
- 12. Medical license of the State of Texas (J9765), DPS number L0094831, DEA number BN4702622 (1995-present).
- 13. Medical license of the Province of Quebec (187-345) (1987-2006).
- 14. Basic and Advanced Cardiac Life Support (validated until May 2008).

## III. EXPERIENCE

# **Academic Appointments:**

- 1. University of Miami, Department of Surgery, Faculty of Medicine: Professor (clinical educator track) and Chief of Thoracic Surgery: June 2010 to present.
- 2. University of Miami, Department of Surgery, Faculty of Medicine: Associate Professor (clinical educator track) and Chief of Thoracic Surgery: September 2007-June 2010.
- 3. National Cancer Institute / National Institutes of Health, Bethesda, MD: Tenure-track Principal Investigator (07/2001 to 08/2007).
- 4. National Cancer Institute / National Institutes of Health, Bethesda, MD: Medical officer/visiting scientist (07/1998-07/2001)
- 5. McGill University, Montreal, Quebec, Canada: Assistant professor (July 1996- June 1998).

### **Hospital Appointments:**

- 1. Jackson Memorial Hospital, University of Miami: attending thoracic surgeon: September 2007 to present.
- 2. University of Miami Hospital: attending thoracic surgeon: December 2007 to present.

- 3. Sylvester Comprehensive Cancer Center, University of Miami: attending thoracic surgeon: September 2007 to present.
- 4. The Warren G. Magnuson Clinical Center, National Institutes of Health, Bethesda, MD: Staff Clinician (Thoracic Surgery): 07/2002-08/2007.
- 5. The Warren G. Magnuson Clinical Center, National Institutes of Health, Bethesda, MD: Medical Officer (Thoracic Surgery), NIH; 07/1998-07/2002.
- 6. The Montreal General Hospital, Montreal, Quebec, Canada; Active Staff (Division of Cardiothoracic Surgery): July 1996-June 1998.
- 7. Royal Victoria Hospital, Montreal, Quebec, Canada; Consultant Surgeon with admitting privilege (Division of Cardiothoracic Surgery): July 1996-June 1998.
- 8. Jewish General Hospital, Montreal, Quebec, Canada; Active Staff (Division of Cardiothoracic Surgery): July 1997- June 1998.
- 9. University of Texas, MD Anderson Cancer Center, Houston, Texas; Junior Faculty Associate (Department of Thoracic and Cardiovascular Surgery): Jan. 1996 June 1996.

### **Non-academic:**

- 1. Professor Sandra Miller, Department of Anatomy, McGill University, Montreal, Quebec, Canada: summer research studentship (June to August 1983 and June to August 1984)
- 2. Professor Peter Schiller, Montreal Clinical Research Institute, Montreal Quebec, Canada: summer research studentship (May to August 1982).

### IV. PUBLICATIONS

## **Books and Book chapters:**

- 1. Nguyen DM, Baik PU. Surgical Therapy for Small Cell Lung Cancer. In: Current Therapies of Cardiothoracic Surgery, 2<sup>nd</sup> edition, Yang S and Cameron D, eds. (in-press).
- 2. Kwong FK, **Nguyen DM**. Malignant Effusions of the Pleura and Pericardium. In: Cancer Principles and Practice of Oncology, 8<sup>th</sup> edition, DeVita V, Lawrence, SA Rosenberg, eds, Lippincott, Williams and Wilkins Publishers, 2205-2214, 2011
- 3. **Nguyen DM.** Malignant Effusions of the Pleura and Pericardium. In: Cancer Principles and Practice of Oncology, 8<sup>th</sup> edition, DeVita V, Lawrence, SA Rosenberg, eds, Lippincott, Williams and Wilkins Publishers, 2523-2533, 2008.
- 4. **Nguyen DM,** RM Summers, SE Finkenstein. Respiratory endoscopy. In: Cancer Principles and Practice of Oncology, 7<sup>th</sup> edition, DeVita V, Lawrence, SA Rosenberg, eds., Lippincott, Williams and Wilkins Publishers, 789-795, 2008.
- 5. **Nguyen DM**, DS Schrump. Malignant Effusions of the Pleura and Pericardium. In: Cancer Principles and Practice of Oncology, 7<sup>th</sup> edition, DeVita V, S Hellman, SA Rosenberg, eds.,Lippincott, Williams and Wilkins Publishers, 2381-2392, 2005.
- Nguyen DM, RM Summers. Respiratory endoscopy. In: Cancer Principles and Practice of Oncology, 7<sup>th</sup> edition, DeVita V, S Hellman, SA Rosenberg, eds., Lippincott, Williams and Wilkins Publishers, 643-653, 2005.
- 7. Schrump DS, **DM Nguyen**. Extended resection of primary lung cancers involving great vessels or heart. In: Current Therapy in Thoracic and Cardiovascular Surgery Yang S, D Cameron, eds, Mosby, 191-194, 2004.
- 8. Schrump DS, **DM Nguyen**, SE Finkenstein. Novel strategies for lung cancer immunotherapy. In: General Thoracic Surgery, 6<sup>th</sup> edition, Shields T, LoCicero, and Ponn, eds., Lippincott, Williams and Wilkins Publishers, 1738-1750, 2004.
- 9. **Nguyen DM**, Schrump DS. Malignant Effusions of the Pleura and Pericardium. In: Cancer Principles and Practice of Oncology, 6<sup>th</sup> edition, DeVita V, S Hellman, SA Rosenberg, eds., Lippincott, Williams and Wilkins Publishers, 2729-2745, 2001.
- 10. Mulder DS, **Nguyen DM**, Marelli D: Chest Wall, Lung, Mediastinum, Pleura and Diaphragm. In: Clinical Surgery: A problem solving approach. 2<sup>nd</sup> edition, Sheldon GF, JH Davis, WR Drucker, eds., Mosby, 2330-2372, 1995.
- 11. **Nguyen DM**, Shennib H: Early Immunologic Events in the Lung Allograft. In: Immunology of the Lung Allograft, Shennib H, ed, Austin: RG Landes, 1-19, 1995.
- 12. **Nguyen DM.** "Overview of efficacy and limitation of standard and targeted therapy for malignant disease using lung cancer as a case study" *Complementary and Alternative Therapies in Cancer*" edited by Moulay Alaoui-Jamali MA and L Peiwen, SPRINGER (Norwell, MA).

### Refereed journal articles:

- 1. Min Y, Verona-Santos J, Singh S, Robbins DJ, Savaraj N, **Nguyen DM.** Targeting the hedgehog signal transduction pathway suppresses survival of malignant pleural mesothelioma. J Thorac Cardiovasc Surg. 2014 Jan;147(1):508-16. doi: 10.1016/j.jtcvs.2013.08.035. Epub 2013 Oct 4.
- 2. Sacher VY, Debra Fertel D, Srivastava K, , Panos A, **Nguyen DM**, Baxter TM, Shafazand S, Pham SM. Effects of Prophylactic Use of Sirolimus on BOS Development

- in Lung Transplant Recipients. Ann Thorac Surg. 2014 Jan;97(1):268-74. doi: 10.1016/j.athoracsur.2013.07.072. Epub 2013 Oct 8.
- 3. Xin HW, Yang JH, **Nguyen DM**. Sensitivity to epidermal growth factor receptor tyrosine kinase inhibitor requires E-cadherin in esophageal cancer and malignant pleural mesothelioma. Anticancer Res. 2013 Jun;33(6):2401-8.
- 4. Rodriguez-Blanco J, Schilling NS, Tokhunts R, Giambelli C, Long J, Liang Fei D, Singh S, Black KE, Wang Z, Galimberti F, Bejarano PA, Elliot S, Glassberg MK, **Nguyen DM**, Lockwood WW, Lam WL, Dmitrovsky E, Capobianco AJ, Robbins DJ. The Hedgehog processing pathway is required for NSCLC growth and survival. Oncogene. 2013 May 2;32(18):2335-45. doi: 10.1038/onc.2012.243. Epub 2012 Jun 25.
- 5. Giquel J, Matadial C, Rodriguez Blanco YF, Martinez-Ruiz R, Nguyen D, Candiotti K. An Unusual Case of Tracheoesophageal Fistulae. Case Report Med. 2012;2012:524687. Epub 2012 Jun 28.
- 6. Saeed AM, Toonkel R, Glassberg MK, **Nguyen DM**, Hu J, Zimmers TA, Robbins DJ, Koniaris LG, Lally BE. The influence of Hispanic ethnicity on Nonsmall cell lung cancer histology and patient survival. An analysis of the Survival, Epidemiology, and End Results Database. Cancer. 2012 Apr 23. doi: 10.1002/cncr.26686. [Epub ahead of print].
- 7. Kemp CD, Ripley RT, Mathur A, Steinberg SM, **Nguyen DM**, Fojo T, Schrump DS. Pulmonary resection for metastatic adrenocortical carcinoma: the National Cancer Institute experience. Ann Thorac Surg. 2011 Oct;92(4):1195-2000.
- 8. Gologorsky E, Gologorsky A, Stahl K, **Nguyen DM**, Pham SM. Tension pneumoperitoneum as the sole presentation of an intraoperative bronchial\_rupture. J Heart Lung Transplant. 2010 Sep;29(9):1078-9. Epub 2010 May 31.
- 9. Klapper JA, Davis JL, Ripley RT, Smith FO, **Nguyen DM**, Kwong KF, Mercedes L, Kemp CD, Mathur A, White DE, Dudley ME, Wunderlich JR, Rosenberg SA, Schrump DS. Thoracic metastasectomy for adoptive immunotherapy of melanoma: A single-institution experience. J Thorac Cardiovasc Surg. 2010 Dec;140(6):1276-82.
- 10. Yang R, Cheung MC, Byrne MM, Huang Y, **Nguyen, DM**, Lally BE, Koniaris LG. Do racial or socioeconomics disparity exist in lung cancer treatment. Cancer. 2010 May 15;116(10):2437-47.
- 11. Butler PW, Cochran CS, Merino MJ, **Nguyen DM**, Schrump DS, Gorden P. Ectopic growth hormone-releasing hormone secretion by a bronchial carcinoid tumor" clinical experience following tumor resection and long acting octreotide therapy. Accepted for publication in Pituitary (Manuscript number PITU402R2), 2010.
- 12. You M, Wangaichitr M, Wu Chunjing, Kuo T, Varona-Santos J, **Nguyen DM**, Feun L, Savaraj N. The combination of ADI-PEG20 and TRAIL effectively increases cell death in melanoma cell lines. Biomedical and biophysical Research Communications, 2010; 394(3):760-6.
- 13. Gaughan C, DM **Nguyen**, M Ricci M. Neonatal bronchial reconstruction following Norwood procedure for hypoplastic left heart syndrome. Annals of Thoracic Surgery, 87:16-7, 2009.
- 14. Cheung MC, Hamilton K, Sherman R, Byrne MM, **Nguyen DM**, Franceschi D, Koniaris LG. Impact of Teaching Facility Status and High-Volume Centers on Outcomes for Lung Cancer Resection: An Examination of 13,469 Surgical Patients. Ann Surg Oncol., 16(1):3-13, 2009.

- 15. Zhang XH, M Rao , JA Loprieato, JA Hong, M Zhao, GZ Chen, AE Humphries, **DM Nguyen**, JB Trepel, X Yu, DS Schrump. Aurora A, aurora B and survivin are novel targets of transcriptional regulation by histone deacetylase inhibitors in non-small cell lung cancer. Cancer Biol Ther.,7(9):1388-97,2008.
- 16. Shamimi-Noori S, Yeow W-S, Ziauddin MF, Xin H, Tran T-L N, Xie J, Loehfelm A, Patel P, Yang H, Schrump DS, Fang BL, **Nguyen DM**. Cisplatin enhances the antitumor effect of Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL) gene therapy via recruitment of the mitochondria-dependent death signaling pathway. Cancer Gene Ther., 15(6):356-70, 2008.
- 17. Schrump DS, Fischette MR, **Nguyen DM**, Zhao M, Li X, Kunst TF, Hancox A, Hong JA, Chen GA, Kruchin E, Wright JJ, Rosing DR, Sparreboom A, Figg WD, Steinberg SM. Clinical and molecular responses in lung cancer patients receiving romidepsin. Clin Cancer Res., 14(1):188-98, 2008.
- 18. Rosas IO, Ren P, Avila NA, Chow CK, Franks TJ, Travis WD, McCoy Jr JP, May RM, Wu HP, **Nguyen DM**, Arcos-Burgos M, Macdonald SD, Gochuico BR. Early Interstitial Lung Disease in Familial Pulmonary Fibrosis. Am J Respir Crit Care Med., 176(7):698-705, 2007.
- 20. Yu XD, Wang SY, Chen GA, Hou CM, Zhao M, Hong JA, **Nguyen DM**, Schrump DS. Apoptosis induced by depsipeptide FK228 coincides with inhibition of survival signaling in lung cancer cells. Cancer J., 13(2):105-13, 2007.
- 21. Schrump DS, Hong JA, **Nguyen DM**. Utilization of chromatin remodeling agents for lung cancer therapy. Cancer J., 13(1):56-64, 2007.
- 22. Stewart JH, Tran TL, Levi N, Tsai WS, Schrump DS, **Nguyen DM**. The essential role of the mitochondria and reactive oxygen species in cisplatin-mediated enhancement of FasL-induced apoptosis in malignant pleural mesothelioma. Journal of Surgical Research, 141(1):120-31, 2007.
- 23. Toro JR, Pautler SE, Stewart L, Glann GM, Weinreich M, Toure O, Wei M-H, Schmidt LS, Davis L, Zbar B, Choyke P, Steinberg S, **Nguyen DM**, Linehan WM. Lung Cysts, Spontanbeous Pneumothorax and Genetic Associations in 89 Families with Burt-Hogg-Dube Syndrome. Am J Respir Crit Care Med., 175(10):1044-53, 2007.
- 24. Rishindra M. Reddy, Wen-Shuz Yeow, Aris Baras, Alex Chua, Duc M. Nguyen, M. Firdos Ziauddin, , Susan M. Shamimi-Noori, Justin B. Maxhimer, David S. Schrump, **Nguyen DM**. Rapid and profound potentiation of Apo2L/TRAIL-mediated cytotoxicity and apoptosis in thoracic cancer cells by the histone deacetylase inhibitor Trichostatin A: the essential role of the mitochondria-mediated caspase activation cascade. Apoptosis, 12:55-71, 2007.
- 25. **Nguyen DM**, Hussain M. The role of the mitochondria in mediating cytotoxicity of anticancer therapies. J Bioenerg Biomembr., 39(1):13-21, 2007.
- 26. Kang Y, Hong JA, Chen GA, **Nguyen DM**, Schrump DS. Dynamic transcriptional regulatory complexes including BORIS, CTCF and Sp1 modulate NY-ESO-1 expression in lung cancer cells. Oncogene, 26(30):4394-403, 2007.
- 27. Schrump DS and **Nguyen DM**. Utilization of Chromatin Remodeling Agents for Lung Cancer Therapy. Thorac Surg Clin.,16:367-77, 2006.
- 28. **Nguyen DM** and Schrump DS. Lung cancer Staging the Genomics Era. Thorac Surg Clin., 16:329-37, 2006.
- 29. Yeow W-S, Baras A, Chua A, Nguyen D, Zuo J-T, Schrump DS, Nguyen DM.

- Gossypol, A Phytochemical Compound With BH3 Mimetic Property, Sensitizes Cultured Thoracic Cancer Cells to Apo2L/TRAIL (TNF-Related Apoptosis Inducing Ligand)-Mediated Apoptosis. J Thorac Cardiovasc Surg., 132:1356-62, 2006.
- 30. Guo ZS, Hong JA, Irvine KR, Chen GA, Spiess PJ, Liu Y, Zeng G, Wunderlich JR, **Nguyen DM**, Restifo NP, Schrump DS. De-novo induction of a cancer-testis antigen by 5 aza 2' deoxycytidine augments adoptive immunotherapy in a murine tumor model. Cancer Res., 66: 1105-13, 2006.
- 31. Schrump DS, Fischette, MR, **Nguyen DM**, Zhao M, Li X, Kunst TF, Hancox A, Hong JA, Chen GA, Pishchik V, Figg WD, Murgo A, Steinberg S,. Phase I study of Decitabine-mediated geneexpression in patients with cancers involving the lungs, esophagus, or pleura. Clin Cancer Res., 12:5777-85, 2006.
- 32. Tsai WT, Yeow W-S, Chua A, Reddy RM, Nguyen D, Schrump DS, **Nguyen DM**. Enhancement of Apo2L/TRAIL-mediated Cytotoxicity in Esophageal Cancer Cells by Cisplatin: Recruitment of the Mitochondria-dependent Death Signaling Pathway. Molecular Cancer Therapeutics, 12:2977-90, 2006.
- 33. Cole GW Jr, Alleva AM, Zuo JT, Sehgal S, Yeow W-S, Schrump DS, **Nguyen DM**. Suppression of pro-metastasis phenotypes expression in malignant pleural mesothelioma by the PI3K inhibitor LY294002 or the MEK inhibitor UO126. AntiCancer Research, 26:809-21, 2006.
- 34. Kassis ES, Zhao M, Chen GA, Hong JA, **Nguyen DM**, Schrump DS. Depletion of DNA methyltransferase (DNMT) 1 and/or 3b mediates growth arrest and apoptosis in lung and esophageal cancer and malignant pleural mesothelioma cells. J Thorac Cardiovasc Surg., 131: 298-306, 2006.
- 35. Wen-Shuz Yeow, M. Firdos Ziauddin, Justin B. Maxhimer, Susan Shamimi-Noori, Aris Baras, Alex Chua, David S. Schrump, **Nguyen DM**. Potentiation of the anticancer effect of valproic acid, an anti-epileptic agent with histone deacetylase inhibitory activity, by the kinase inhibitors Staurosporine or its clinically relevant analog UCN-01. Br J Cancer, 94:1436-45, 2006.
- 36. M. Firdos Ziauddin, Wen-Shuz Yeow, Justin B. Maxhimer, Aris Baras, Alex Chua, Rishindra M. Reddy, Wilson Tsai, George W. Cole, Jr., David S. Schrump, Nguyen DM. Valproic acid, an anti-epileptic drug with histone deacetylase inhibitory activity, potentiates the cytotoxic effect of Apo2L/TRAIL on cultured thoracic cancer cells via mitochondria-dependent caspase activation. Neoplasia, 6:446-57, 2006.
- 37. **Nguyen DM**, Wen-Shuz Yeow, M. Firdos Ziauddin, Aris Baras, Wilson Tsai, Rishindra M. Reddy, Alex Chua, George W. Cole, Jr. and David S. Schrump. The essential role of the mitochondria-dependent death signaling cascade in chemotherapy-induced potentiation of Apo2L/TRAIL cytotoxicity in cultured thoracic cancer cells: Amplified caspase 8 is indispensable for combination-mediated massive cell death. Cancer J., 12:257-73, 2006.
- 38. Steiner FA, Hong JA, Fischette MR, Beer DG, Guo ZS, Chen GA, Weiser TS, Kassis ES, **Nguyen DM**, Lee S, Trepel JB, Schrump DS. Sequential 5-Aza 2'-deoxycytidine/depsipeptide FK228 treatment induces tissue factor pathway inhibitor 2 (TFPI-2) expression in cancer cells. Oncogene 2005; 24:2386-97.
- 39. Schrump DS, **Nguyen DM**. Novel molecular targeted therapy for esophageal cancer. J Surg Oncol., 92:257-61: 2005.
- 40. Schrump DS, Nguyen DM. Targeting the epigenome for the treatment and prevention of

- 41. Maker AV, **Nguyen DM**. Malignant pleural effusion. Annals of Thoracic Surgery, 80:1941, 2005.
- 42. Maxhimer JB, Reddy RM, Zuo JT, Cole GW, Jr, Schrump DS, **Nguyen DM**. Profound induction of apoptosis of lung and esophageal cancer cells by the histone deacetylase inhibitor Trichostatin A/protein kinase C inhibitor Calphostin C combination. J Thorac Cardiovasc Surg., 129(1):53-63, 2005.
- 43. Cole GW, Jr, Alleva AM, Reddy RM, Maxhimer JB, Zuo JT, Schrump DS, **Nguyen DM**. Suppression of prometastasis phenotypes expression in malignant pleural mesothelioma cells by the epidermal growth factor receptor tyrosine kinase inhibitor PD153035. J Thorac Cardiovasc Surg., 129(5):1010-7, 2005.
- 44. Reddy RM, Tsai WS, Ziauddin FM, Zuo JT, Cole GW, Jr, Maxihmer JB, Fang B, Schrump DS, **Nguyen DM**. Cisplatin enhances apoptosis induced by a tumor-selective adenovirus expressing TRAIL. J Thorac Cardiovasc Surg., 128(6):883-91, 2004.
- 45. Finkelstein SE, Summers RM, **Nguyen DM**, Schrump DS. Virtual bronchoscopy for evaluation of airway disease. Thorac Surg Clin., 14:79-86, 2004.
- 46. **Nguyen DM**, Chen GA, Reddy R, Tsai WS, Schrump WD, Cole GW Jr, Schrump DS. Potentiation of paclitaxel cytotoxicity in lung and esophageal cancer cells by pharmacologic inhibition of the phosphoinositide 3-kinase/protein kinase B (Akt)-mediated signaling pathway. J Thorac Cardiovasc Surg.,127:365-75, 2004.
- 47. **Nguyen DM**, Chen GA, Tsai WS, Schrump WD, Hong JA, Nguyen M, Trepel JB, Schrump DS. Abrogation of p21 expression by flavopiridol enhances depsipeptide-mediated apoptosis in malignant pleural mesothelioma cells. Clin Cancer Research, 10:1813-25, 2004.
- 48. **Nguyen DM**, Schrump DS. Growth factors as targets for lung cancer therapy. Semin Thorac and Cardiovasc Surg., 16:2-12, 2004.
- 49. Finkelstein SE, Schrump DS, **Nguyen DM**, Hewitt SM, Kunst TF, Summers RM. Comparative evaluation of super high-resolution CT scan and virtual bronchoscopy for the detection of tracheobronchial malignancies. Chest, 124;1834-40, 2003.
- 50. **Nguyen DM**, Schrump W, Tsai WS, Chen GA, Stewart JH, Steiner F, Schrump DS. Enhancement of depsipeptide-mediated apoptosis of lung or esophageal cancer cells by flavopiridol: Activation of the mitochondria-dependent death signaling pathway. Journal of Thoracic and Cardiovascular Surgery, 125:1132-42, 2003.
- 51. Yu X, Guo ZS, Marcu MG, Neckers L, **Nguyen DM**, Chen GA, Schrump DS. Modulation of p53, ErbB1, ErbB2, and Raf-1 expression in lung cancer cells by depsipeptide FR901228. J Natl Cancer Inst., 94(7):504-13, 2002.
- 52. Shrump DS, **Nguyen DM**, Kunst TE, Hancox A, Figg WD, Steinberg SM, Pishchik V, Beccera Y. Phase I study of sequential deoxyazacytidine / depsipeptide infusion in patients with malignancies involving lungs or pleura. Clinical Lung Cancer, 4:186-92, 2002.
- 53. Schrump DS, Zhai S, **guyen DM**, Weiser TS, Fisher, BA, Terrill, RE, Flynn BM, Duray, PH, Figg WD. Pharmacokinetics of paclitaxel administered via hyperthermic retrograde isolated lung perfusion. Journal of Thoracic and Cardiovascular Surgery, 123(5):967-72, 2002.

- 54. Chedrawy EG, Wang J-S, **Nguyen DM**, Shum-Tim D, Chiu CJ. Incorporation and Integration of Implanted Myogenic and Stem Cells into Native Myocardial Fibers: Anatomical Basis for Functional Improvements. Journal of Thoracic and Cardiovascular Surgery, 124(3):584-90, 2002.
- 55. Stewart JS, Chen A, Schrump DS, **Nguyen DM**. Induction of Apoptosis in Malignant Pleural Mesothelioma (MPM) Cells by Activation of the Fas (APO-1/CD95) Death Signal Pathway. Journal of Thoracic and Cardiovascular Surgery, 123(2):295-302, 2002.
- 56. Finkelstein, SE, Summers, RM, **Nguyen, DM**, Stewart, JH, IV, Tretler, JA, Schrump, DS. Virtual Bronchoscopy for Evaluation of Thoracic Malignancies. Journal of Thoracic and Cardiovascular Surgery, 123(5):967-72, 2002.
- 57. **Nguyen DM**, Lorang D, Chen GA, Stewart JH, Tabibi E, Schrump DS. Enhancement of Paclitaxel-mediated cytotoxicity in lung cancer cells by 17-allylamino geldanomycin (17-AAG): In Vitro and In Vivo analysis. Ann Thorac Surg., 72(2):371-8, 2001.
- 58. Schrump DS, Nguyen DM: Targets for molecular intervention in multistep pulmonary carcinogenesis. World Journal of Surgery, 25: 174-183, 2001.
- 59. Weiser TS, Ohnmacht GA, Guo S, Chen GA, Hong JA, **Nguyen DM**, Schrump, DS: Induction of Mage-3 expression in lung and esophageal cancer cells. Ann Thoracic Surgery, 71: 295-302, 2001.
- 60. Weiser TS, Guo ZS, Ohnmacht GA, Parkhurst ML, Tong-On P, Marincola FM, Fischette MR, Yu X, Chen GA, Hong JA, Stewart JH, **Nguyen DM**, Rosenberg SA, Schrump DS. Sequential 5-Aza-2´-deoxycytidine (DAC)/depsipeptide FR901228 (DP) treatment induces apoptosis preferentially in cancer cells and facilitates their recognition by cytolytic T lymphocytes specific for NY-ESO-1. Journal of Immunotherapy, 2: 151-161, 2001.
- 61. Schrump DS, **Nguyen DM**. The Epidermal Growth Factor Receptor-STAT Pathway in Esophageal Cancer. The Cancer Journal, 7(2): 108-111, 2001.
- 62. Nemunaitis J, Swisher SG, Timmons T, Connors D, Mack M, Doerksen L, Weill D, Wait J, Lawrence DD, Kemp BL, Fossella F, Glisson BS, Hong WK, Khuri FR, Kurie JM, Lee JJ, Lee JS, **Nguyen DM**, Nesbitt JC, Perez-Soler R, Pisters KM, Putnam JB, Richli WR, Shin DM, Walsh GL, Merritt J: Adenovirus-mediated p53 gene transfer in sequence with cisplatin to tumors of patients with non-small-cell lung cancer. Journal of Clinical Oncology 18:609-615, 2000.
- 63. Yen N, Ioannides CG, Xu K, Swisher SG, Lawrence DD, Kemp BL, El-Naggar AK, Cristiano RJ, Fang B, Glisson BS, Hong WK, Khuri FR, Kurie JM, Lee JJ, Lee JS, Merritt JA, Mukhopadhyay T, Nesbitt JC, **Nguyen DM**, Perez-Soler R, Pisters KM, Putnam JB Jr, Schrump DS, Shin DM, Walsh GL, Roth JA. Cellular and humoral immune responses to adenovirus and p53 protein antigens in patients following intratumoral injection of an adenovirus vector expressing wild-type. P53 (Ad-p53). Cancer Gene Ther., 7:530-6, 2000.
- 64. **Nguyen DM**, Desai S, Chen A, Weiser TS, Schrump DS. Modulation of metastasis phenotypes of non-small-cell lung cancer by 17-allylamino geldanamycin. Ann Thoracic Surgery, 70: 1853-60, 2000.
- 65. Chughtai T, Chen LQ, Salasidis G, **Nguyen D**, Tchervenkov C, Morin JF. Clips versus suture technique: Is there a difference? Canadian Journal of Cardiology, 16(11): 1403-1407, 2000.
- 66. Swisher S, Roth J, Nemunaitis J, Lawrence D, Kemp B, Carrasco C, Connors D, El-Naggar

- AK, Fossella F, Glisson BS, Hong W, Khuri FR, Kurie JM, Lee J, Lee J, Mack M, Merritt J. **Nguyen D**, Nesbitt J, Perez-Soler R, Pisters K, Putnam J, Richli W, Savin M, Schrump D, Shin D, Shulkin A, Walsh G, Wait J, Weill D, Waugh M. Adenoviral-Mediated p53 Gene Transfer in Advanced Non-Small-Cell Lung Cancer. Journal of the National Cancer Institute, 91: 763-771, 1999.
- 67. **Nguyen D**, Hill A, Chughtai T, Robinson R, Mulder DS. Traumatic Rupture of the Descending Aorta Associated with Severe Right Lung Contusion: The Use of Cardiopulmonary Bypass for Life Support. Journal of Trauma, 47: 406-7, 1999.
- 68. Nguyen D, Tsang J, Tchervenkov C. Descending Thoracic Aneurysm as a Complication of Flap Angioplasty for Correction of Coarctation of the Aorta. Annals of Thoracic Surgery, 68:1392-4, 1999.
- 69. Nguyen D, Chen A, Mixon A, Schrump D. Sequence-Dependent Enhancement of Taxol Toxicity in Non-small Cell Lung Cancer by 17-allylamino 17-demethoxy Geldanamycin. J Thorac Cardiovasc Surg., 118: 908-15, 1999.
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# **Abstracts/presentations (Refereed)**

- 1. Saeed A, Glassberg M, Hu J, Koniaris L, Zimmers T, Nguyen DM, Robbins D, Lally B. The influence of Latino ethnicity on the outcomes for patients with non-small cell lung cancer: an analysis of the Survival, Epidemiology, and End Results (SEER) database. ASTRO 2011.
- 2. Santos JV, You M, Wangpaichitr M, Savaraj N, Nguyen DM. Identifying cFLIP as a marker and also a potential "druggable" target of SAHA+TRAIL cytotoxicity in malignant pleural mesothelioma. Abstract LB-222, poster presentation at the 102<sup>nd</sup> Annual meeting of the American Association for Cancer Research (AACR), April 2-6, 2011, Orlando, Florida.
- 3. Karas R, Thurer JR, Nguyen DM. Chronic Radiolucent Foreign Body Resulting in a Tracheoesophageal Fistula: A Case Report and Review of the Literature. Poster presentation at the General Thoracic Surgery Club, March 11-13, 2011, Captiva Island, Florida.
- 4. Karas R, Hasan M, Monahan D, Nguyen DM. Esophageal mucosal dissection: report of 2 cases and review of the literature. Poster presentation at the general Thoracic Surgery Club, March 11-14, 2010, La Costa Resort and Spa in Carlsbad, California.
- Tupayachi MG, Hosein PJ, Nguyen DM, Thurer RT, Garcia MT, Raez LE, Donna E. Accuracy of endobronchial ultrasound-directed transbronchial needle aspiration for mediastinal staging in patients with non-small cell lung cancer. J Clin Oncol 2010; 28(7s): Abstract 7071 [Poster Presentation at the American Society of Clinical Oncology Annual Meeting 2010, Chicago, IL].
- 6. Tupayachi MG, Hosein PJ, **Nguyen DM**, Thurer RT, Garcia MT, Raez LE, Donna E. Accuracy of endobronchial ultrasound-directed transbronchial needle aspiration (EBUSTBNA) for diagnosis of mediastinal lymphadenopathy in patients with suspected malignancy. Chest 2010; 138 (4s): Abstract 427A [Poster Presentation at Chest 2010,

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- 7. Verona-Santos J, Vara A, Wu C, Thomas C, Wangpaichitr M, You M, Savaraj N, Nguyen DM. Profound cytotoxicity of SAHA and TRAIL combination in malignant plerural mesothelioma. Poster presentation at the 101<sup>st</sup> Annual Meeting of the American Association for Cancer Research (AACR), Washington DC, April 17-21, 2010.
- Sehgal S, Loehfelm A, Lorang-Leins D, Hussein M, Yeow W-S, Blansfield J, Libutti SK, Nguyen DM. Targeting tumor angiogenesis in thoracic malignancies using MEK pharmacologic inhibitor: in vitro and in vivo analysis. Presentation at the 88<sup>th</sup> Annual Meeting of the American Association for Thoracic Surgery (AATS), San Diego, CA, May 10-14, 2008.
- 9. Xin H, Yang J, Loehfelm A, Schrump DS, **Nguyen DM.** The influence of epithelial to mesenchymal transition (EMT) on cellular sensitivity to epidermal growth factor receptor tyrosine kinase inhibitor ((EGFR-TKI) in thoracic cancers. Poster presentation at the 99<sup>th</sup> Annual Meeting of the American Association for Cancer Research (AACR), San Diego, CA, April 19-24, 2008.
- 10. Stewart JH, Tran TL, Levi N, Tsai WS, Schrump DS, **Nguyen DM**. The essential role of the mitochondria and reactive oxygen species in cisplatin-mediated enhancement of FasL-induced apoptosis in malignant pleural mesothelioma. Presentation at the Annual Meeting of the Association for Academic Surgery, February 2007.
- 11. Tran T-L N, Alleva AM, Rosat JP, Dupuis M, Schrump DS, **Nguyen DM**. Evaluation of the cytotoxic effect of recombinant hexameric FasL protein (MegaFasL) on cultured thoracic cancers with emphasis on malignant pleural mesothelioma. Presentation at the 98<sup>th</sup> Annual Meeting of the American Association for Cancer Research (AACR), Los Angeles, CA, April 14-18, 2007.
- 12. **Nguyen DM**, Wen-Shuz Yeow, Rishindra M. Reddy, M. Firdos Ziauddin, Wilson Tsai, David S. Schrump. The essential role of the mitochondria-dependent death signaling cascade in chemotherapy-induced potentiation of Apo2L/TRAIL cytotoxicity in cultured thoracic cancer cells: Amplified caspase 8 is indispensable for combination-mediated massive cell death. Cell Signaling World 2006, Luxembourg, January 23<sup>rd</sup> to 26<sup>th</sup>, 2006.
- 13. Yeow W-S, Chua A, Nguyen DM, Sehgal S, Fang BL, Schrump DS, **Nguyen DM**. Cytotoxic gene therapy of esophageal cancers using the recombinant RGD-modified adenovirus expressing membrane-bound TRAIL (TNF receptor apoptosis inducing ligand): an in vitro and in vivo analysis. Presented at the 97<sup>th</sup> Annual Meeting of the American Association for Cancer Research (AACR), Washington, DC, April 1<sup>st</sup> to 5<sup>th</sup> 2006.
- 14. Sehgal S, Nguyen DM, Chua A, Zuo J-T, Yeow W-S, Schrump DS, **Nguyen DM.**Pharmacologic inhibition of the mitogen-activated protein kinase/extracellular signal regulated kinase (MEK) pathway not only results in inhibition of cell proliferation but also profound suppression of IL1 or EGF-induced production of pro-angiogenesis cytokines. Presented at the 97<sup>th</sup> Annual Meeting of the American Association for Cancer Research (AACR), Washington, DC, April 1<sup>st</sup> to 5<sup>th</sup> 2006.
- 15. Yeow W-S, Baras A, Chua A, Nguyen DM, Zuo J-T, Schrump DS, Nguyen DM. Gossypol, A Phytochemical Compound With BH3 Mimetic Property, Sensitizes Cultured Thoracic Cancer Cells to Apo2L/TRAIL (TNF-Related Apoptosis Inducing Ligand)-Mediated Apoptosis. Presented at the 86<sup>th</sup> Annual Meeting of the American Association for Thoracic Surgery, Philadelphia, April 29<sup>th</sup> to May 3<sup>rd</sup> 2006.

- 16. Zhao M, Li X, Hong JA, Chen GA, Kunst TF, Hancox A, Nguyen DM, Schrump DS. Long-oligo array analysis of gene expression profiles in primary lung carcinomas mediated by 5 aza 2' deoxycytidine (DAC), depsipeptide FK228 (DP), or sequential DAC/DP: molecular evidence that chromatin remodeling agents can revert the epigenome of lung cancer cells. Submitted for presentation at Gordon Research Conference: Chromatin Structure and Function, Barga, Italy, May 21-26, 2006.
- 17. Redd RM, Ziauddin MF, Zuo J-T, Baras A, Chua A, Shamimi-Noori S, Yeow W-S, Alleva AM, Schrump DS, **Nguyen DM**. Rapid and Profound Potentiation of Apo2L/TRAIL-mediated Cytotoxicity and Apoptosis in Thoracic Cancer Cells by the Histone Deacetylase Inhibitor Trichostatin A: Recruitment of the Mitochondriadependent Apoptosis Signaling Cascade. AACR Special Conference "Regulation of Cell Death in Oncogenesis", Hawaii Jan 26 to 30 2005.
- 18. Cole GW, Jr, Alleva AM, Zuo J-T, Ziauddin MF, Schrump DS, **Nguyen DM.** Suppression of prometastasis phenotype expression in malignant pleural mesothelioma cells by the selective PI3K inhibitor LY294002 or the MEK inhibitor UO126. Annual Meeting of the Society of Surgical Oncology, Atlanta, GA, March 2005.
- 19. Shamimi-Noori S, Reddy RM, Ziauddin FM, Zuo J-T, Baras A, Chua A, Fang BL, Schrump DS, Nguyen DM. In Vitro and In Vivo Analysis of Cisplatin-mediated Enhancement of Cytotoxicity of Tumor-selective Adenovirus-expressing Green Fluorescent Protein-TNF-Related Apoptosis Inducing Ligand Fusion Protein (AdVgTRAIL) in Cultured Lung Cancer, Esophogeal Cancer, and Malignant Pleural Mesothelioma Cells. 96<sup>th</sup> Annual Meeting of the American Association for Cancer Research, Anaheim, CA April 16<sup>th</sup> to 20<sup>th</sup> 2005.
- 20. Kang Y, Hong JA, Chen GA, Pack S, Risinger JI, Custer M, Fischette MR, Zhao M, **Nguyen DM**, Vatolin S, Lobanenkov V, Barrett JC, Schrump DS. Modulation of NY-ESO-1 expression in lung cancer cells by brother of the regulator of imprinted sites 2733 Modulation of NY-ESO-1 expression in lung cancer cells by brother of the regulator of imprinted sites. 96<sup>th</sup> Annual Meeting of the American Association for Cancer Research, Anaheim, CA April 16<sup>th</sup> to 20<sup>th</sup> 2005.
- 21. Yeow W-S, Ziauddin MF, Maxhimer JB, Zuo J-T, Baras A, Chua A, Schrump DS, **Nguyen DM.** Profound induction of apoptosis in thoracic cancer cells by Valproic Acid, an antiepileptic drug with histone deacetylase inhibitory activity, in combination the clinically relevant kinase inhibitor UCN-01.. 96<sup>th</sup> Annual Meeting of the American Association for Cancer Research, Anaheim, CA April 16<sup>th</sup> to 20<sup>th</sup> 2005.
- 22. Ziauddin MF, Baras A, Chua A, Yeow W-S, Reddy RM, Alleva AM, Schrump DS, **Nguyen DM**. Enhancement of Apo2L/TRAIL (TNF-Related Apoptosis Inducing Ligand)-mediated cytotoxicity in cultured thoracic cancer cells by Paclitaxel: Involvement of the mitochondria-dependent death-signaling pathway. 96<sup>th</sup> Annual Meeting of the American Association for Cancer Research, Anaheim, CA April 16<sup>th</sup> to 20<sup>th</sup> 2005.
- 23. Ziauddin MF, Maxhimer JB, Yeow W-S, Baras A, Chua A, Shamimi-Noori S, Alleva AM, Zuo J-T, Schrump DS, **Nguyen DS** Valproic Acid, a commonly used anti-epileptic drug with histone deacetylase (HDAC) inhibitory activity, potentiates the intrinsic sensitivity of thoracic cancer cells to Apo2L/TRAIL (TNF-related apoptosis inducing ligand). 96<sup>th</sup> Annual Meeting of the American Association for Cancer Research,

- Anaheim, CA April 16th to 20th 2005.
- 24. Ming Zhao, G. Aaron Chen, Julie A. Hong, Yang Kang, William W. Figg, Dao M. Nguyen, David S. Schrump. Long oligo microarray analysis of gene expression profiles in cultured lung cancer cells and primary lung carcinomas following decitabine (DAC), depsipeptide FK228 (DP) or sequential DAC/DP exposure. 96<sup>th</sup> Annual Meeting of the American Association for Cancer Research, Anaheim, CA April 16<sup>th</sup> to 20<sup>th</sup> 2005.
- 25. **Nguyen DM**, Yeow W-S, Reddy RM, Tsai W, Ziauddin MF, Zuo JT, Schrump DS. The essential role of the mitochondria-dependent apoptosis-inducing signaling cascade in chemotherapy-induced potentiation of Apo2L/TRAIL cytotoxicity in cultured thoracic cancer cells. AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics: Biology, Discovery and Clinical Applications, Philadelphia, PA, November 14<sup>th</sup> -18<sup>th</sup>, 2005.
- 26. Schrump DS, **Nguyen DM**, Fischette MR, Zhao M, Hong JA, Chen GA, Kunst T-F, Hancox A, Figg WD, Pishchik V. Targeting the epigenome for lung cancer therapy. Oral presentation at the 11<sup>th</sup> World Conference on Lung Cancer, Barcelona, Spain, July 3-6, 2005.
- 27. Hong JA, Kang Y, Abdullaev Z, Flanagan PT, Pack S, Risinger JI, Custer M, Fischette MR, Chen GA, Zhao M, **Nguyen DM**, Barrett JC, Lobanenkov F, Schrump DS. Reciprocal binding of CTCF and Brother of the Regulator of Imprinted Sites (BORIS) to the NY-ESO-1 promoter coincides with induction of this cancer-testes gene in lung cancer cells. Presented at the AACR Special Conference in Cancer Research: Molecular Pathogenesis of Lung Cancer: Opportunities for Translation to the Clinic, San Diego, CA, February 23-27, 2005.
- 28. Guo ZS, Hong JA, Irvine KR, Chen GA, Spiess PJ, Liu Y, Zeng G, Wunderlich JR, **Nguyen DM**, Restifo NP, Schrump DS. Adoptive immunotherapy targeting a cancertestis antigen induced by 5-aza-2'deoxycytidine diminishes pulmonary metastases in a murine tumor model. Presented at the 6<sup>th</sup> International Lung Cancer Conference, Kuaui, Hawaii, June 15-18, 2005.
- 29. Zhao M, Li X, Hong JA, Chen GA, Kunst TF, Hancox A, **Nguyen DM**, Schrump DS. Gene expression profiling of primary lung cancers exposed to 5 aza 2' deoxycytidine (DAC), depsipeptide FK228 (DP), or sequential DAC/DP. Accepted for presentation at Chromatin Structure and Function: 2005, Nassau, Bahamas, November 15-18, 2005.
- 30. Reddy RM, Maxhimer JB, Cole GW, Jr, Chua A, Schrump DS, **Nguyen DM**. Cisplatin-mediated enhancement of cytotoxicity of tumor-selective adenovirus expressing GFP-TRAIL fusion protein in cultured cancer cells of the lung, esophagus and pleura. Poster presentation at the 2004 Annual AACR meeting, Orlando, FLA, March 27-31, 2004.
- 31. Maxhimer JB, Reddy RM, Cole GW, Jr, Schrump DS, **Nguyen DM**. Profound induction of apoptosis of lung and esophageal cancer cells by the histone deacetylase inhibitor Trichostatin A/protein kinase C inhibitor Calphostin C combination. Poster presentation at the 2004 Annual AACR meeting, Orlando, FLA March 27-31, 2004.
- 32. Cole GW, Jr, Reddy RM, Maxhimer JB, Schrump DS, **Nguyen DM**. Suppression of prometastasis phenotypes expression in malignant pleural mesothelioma cells by the epidermal growth factor receptor tyrosine kinase inhibitor PD153035. Poster presentation at the 2004 Annual AACR meeting, Orlando, FLA March 27-31, 2004.
- 33. Reddy RM, Alleva AM, Ziauddin MF, Baras A, Maxhimer JB, Cole GW, Jr, Zuo J, Schrump DS, **Nguyen DM.** The Histone Deacetylase Inhibitor Trichostatin A (TSA)

- Mediates Profound Potentiation of Apo2L/TRAIL Cytotoxicity in Cultured Thoracic Cancer Cells via a Mitochondria Dependent Mechanism. NIH Research Festival 2004, Bethesda, MD, Sept 28 Oct 1, 2004
- 34. Reddy RM, Ziauddin MF, Baras A, Zuo J, Maxhimer JB, Cole GW, Jr, Schrump DS, **Nguyen DM.** Cisplatin-mediated enhancement of AdVgTRAIL (Tumor-selective adenovirus expressing GFP-TRAIL fusion protein) cytotoxicity in thoracic cancer cells is dependent on the mitochondria-regulated death signaling pathway. NIH Research Festival 2004, Bethesda, MD, Sept 28 Oct 1, 2004
- 35. Maxhimer JB, Ziauddin MF, Reddy RM, Zuo J, Cole GW, Jr, Schrump DS, **Nguyen DM.** Profound induction of apoptosis of thoracic cancer cells by the combination of the Histone deacetylase inhibitor Trichostatin A and the PKC inhibitor Calphostin C: Insight into the role of NF-kB in HDACI-mediated p21 gene expression. NIH Research Festival 2004, Bethesda, MD, Sept 28 Oct 1, 2004.
- 36. Schrump DS, Zhao M, Fischette JA, Hong JA, Chen GA, **Nguyen DM**, Figg WD, Murgo, A, Wright, J. Molecular correlates of treatment response in cancer patients receiving Decitabine (DAC) or Depsipeptide(DP) infusions. Oral presentation: NCI Molecular Targets Faculty Retreat, Hunt Valley, MD, March 2-4, 2004.
- 37. Schrump DS, Zhao M, Hong JA, Chen GA, **Nguyen DM**. cDNA array analysis of gene expression in primary lung cancers following Decitabine (DAC) or Depsipeptide (DP) exposure. Accepted for presentation: 40<sup>th</sup> Annual Meeting of ASCO, New Orleans, LA, June 5-8, 2004.
- 38. Zhao M, Hong JA, Chen GA, **Nguyen DM**, Schrump DS. Gene expression profiles in primary lung cancers relative to cultured lung cancer cells following Decitabine (DAC) or Depsipeptide FK228 (DP) exposure. Presented at the 5<sup>th</sup> International Lung Cancer Congress, Kauai, Hawaii, June 30-July 3, 2004.
- 39. Kassis E, Zhao M, Hong JA, Chen GA, **Nguyen DM**, Schrump DS. Depletion of DNA methyltransferase (DNMT)1, and/or DNMT3b mediates growth arrest and apoptosis in lung and esophageal cancer cells. Presented at the AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics, Geneva, Switzerland, September 28-October 1, 2004.
- 40. Kang Y, Hong JA, Chen GA, **Nguyen DM**, Risenger JM, Custer M, Lobanenkov V, Barrett JC, Schrump DS. Brother of the Regulator of Imprinted Sites (BORIS) modulates NY-ESO-1 expression in lung cancer cells. Presented at the World Conference on Chromatin Structure and Function, Cancun, Mexico, November 15-19, 2004.
- 41. Kang Y, Hong JA, Chen GA, Pak S, Risinger JM, Custer M, **Nguyen DM**, Lobanenkov V, Barrett JC, Schrump DS. Epigenetic regulation of NY-ESO-1 expression in lung cancer cells is mediated via Brother of the Regulator of Imprinted Sites. Presented at the AACR Symposium: Chromatin, Chromosomes and Cancer Epigenetics, Waikoloa, Hawaii, November 10-14, 2004.
- 42. Tsai WD, Chen GA, Schrump DS, **Nguyen DM**. Cisplatin potentiates Apo2L/TRAIL (TNF-Receptor Apoptosis Inducing Ligand)-mediated induction of apoptosis in esophageal cancer cells by recruitment of the mitochondria-dependent death signalling pathway. Poster presentation at the 2003 Annual AACR meeting, Washington DC, July 2003.
- 43. **Nguyen DM**, Chen GA, Tsai WS, Reddy R, Schrump WD, Cole G, Schrump DS. Inhibition of PI3K/AKT-dependent survival pathway by LY294002 enhances Taxol cytotoxicity in nonsmall cell lung cancer and esophageal cancer cells. Poster

- presentation at the 2003 Annual AACR meeting, Washington DC, July 2003.
- 44. Yu X, Guo Z-S, **Nguyen DM**, Chen GA, Schrump DS. Depsipeptide FR901228-mediated depletion of erbB1 and erbB2 coincides with inhibition of MAP kinase and STAT-3 signal transduction in lung cancer cells. Presented at the symposium "Genomics and Genetics of Senescence and Cancer", Keystone, CO, Jan 22-27, 2002.
- 45. **Nguyen DM**, Chen A, Stewart JH, Steiner F, Guo Z-S, Yu X, Schrump DS. The erbB1 antagonist PD153035 (PD) inhibits DNA repair and potentiates cisplatin- or radiation-induced apoptosis in esophageal cancer cells. Oral presentation at the 82<sup>nd</sup> Annual Meeting of the American Association for Cancer Research, San Francisco, CA April 6 to April 10. 2002.
- 46. **Nguyen DM**, Schrump WD, Stewart JH, Steiner F, Chen A, Schrump DS. Enhancement of depsipeptide-mediated apoptosis of lung and esophageal cancer cells by the cyclin-dependent kinase inhibitor Flavoriridol. Poster presentation at the 82<sup>nd</sup> Annual Meeting of the American Association for Cancer Research, San Francisco, CA April 6 to April 10, 2002.
- 47. **Nguyen DM**, Stewart JH, Chen GA, Mikulski S, Schrump DS. Enhancement of sFasL-mediated cytotoxicity in lung or esophageal cancer cells by cycloheximide, Onconase, or Cisplatin: Recruitment of the mitochondria-dependent death signaling pathway. Presented at the AACR-sponsored special Conference in Cancer Research Apoptosis and Cancer: Basic Mechanisms and Therapeutic Opportunities in the Post-Genomic Era. Waikoloa, Hawaii, February 13 to February 17, 2002.
- **48. Nguyen** DM, Schrump WD, Stewart JH, Steiner F, Chen A, Schrump DS. Flavopiridol Enhances Depsipeptide-mediated Apoptosis in Lung and Esophageal Cancer Cells via Activation of Mitochondrial Death Signal Pathways. Presented at the 82<sup>nd</sup> Annual Meeting of the American Association for Thoracic Surgery, Washington DC, May 5 to 8, 2002.
- 49. **Nguyen, DA** and Schrump, DS. 5 Aza 2′ Deoxycytidine and Depsipeptide FR901228 Mediate Growth Arrest and Apoptosis in Lung Cancer Cells Irrespective of Rb, p53, p16, p14/ARF, or p21 Expression. Selected for presentation, Keystone Symposia Cell Cycle 2001, Taos, NM, January 9-14, 2001.
- 50. Schrump, DS, Weiser, TS, Yu, X, Guo, Z-S, Hong, JA, Chen, GA, Fischette, MR, Stewart, JH IV, **Nguyen, DM**. 5 Aza 2´ Deoxycytidine (DAC) and Depsipeptide FR901228 (DP) Differentially Mediate Induction of Cancer Testis Antigen and Tumor Suppressor Gene Expression in Lung Cancer Cells. Selected for presentation, 5th Joint Conference of the American Association for Cancer Research and the Japanese Cancer Association, Maui, Hawaii, February 12-16, 2001.
- 51. Schrump DS, Chen GA, Guo ZS, Yu X, Stewart JH IV, Fischette MR, **Nguyen DM**. Depsipeptide FR901228 (DP) Mediates Cell Cycle Arrest and Apoptosis in Malignant Pleural Mesothelioma (MPM) Cells Irrespective of SV40 T/t Antigen Status. Keystone Symposia Cancer Intervention, Durango, CO, February 28-March 5, 2001.
- 52. Finkelstein, SE, Schrump, DS, **Nguyen, D**, Stewart, JH, Summers, RM. Virtual Bronchoscopy (VB) in the Evaluation of Thoracic Malignancies. Accepted for oral presentation, 54th Annual Cancer Symposium of the Society of Surgical Oncology, Washington, D.C., March 15-18, 2001.
- 53. Stewart JH, **Nguyen DM**, Chen A, Schrump DS. Induction of Apoptosis in Malignant Pleural Mesothelioma (MPM) Cells by Activation of the Fas (APO-1/CD95) Signal

- Pathway. Presented at the 92nd Annual Meeting, American Association for Cancer Research, New Orleans, LA, March 24-28, 2001.
- 54. **Nguyen DM**, Chen AG, Desai S, Stewart, JH IV, Guo S, Hong J, Yu X, Wan H, Schrump DS. Downregulation of Malignant Phenotypes in Esophageal Cancer Cells Expressing High Levels of Epidermal Growth Factor Receptor (EGFR) by the EGFR-specific Tyrosine Kinase Inhibitor PD153035. Presented at the 92nd Annual Meeting, American Association for Cancer Research, New Orleans, LA, March 24-28, 2001.
- 55. **Nguyen DM**, Chen GA, Stewart JH IV, Guo S, Hong J, Yu X, Wan H, Schrump DS. Sensitization of Esophageal Cancer Cells Expressing High Levels of Epidermal Growth Factor Receptor (EGFR) to Chemotherapy (CT) or Irradiation (IR) by the EGFR-specific Tyrosine Kinase Inhibitor PD153035. Presented at the 92nd Annual Meeting, American Association for Cancer Research, New Orleans, LA, March 24-28, 2001.
- 56. Katsuda K, Kataoka M, Itoshima T, Shao J, Waku T, Uno F, Francis S, Schumacher G, Nguyen DM, Roth J, Cristiano R, Fujiwara T, Tanaka N. Down-Regulation of Bcl-2 and Rb are Associated with P16<sup>INK4</sup>-mediated Apoptosis in Non Small Cell Lung Cancer Cells (NSCLC). Presented at the 92<sup>nd</sup> Annual Meeting, American Association for Cancer Research, New Orleans, LA, March 24-28, 2001.
- 57. Schrump DS, Yu X-D, Chen GA, Fischette MR, Gou Z-S, **Nguyen DM**. Depsipeptide FR901228 Mediates Cell Cycle Arrest and Apoptosis in Lung Cancer Cells. Selected for oral presentation, 4th International Congress on Lung Cancer, Halkidiki, Greece, April 26-30, 2001
- 58. Stewart JH IV, **Nguyen DM**, Chen A, Schrump DS. Induction of Apoptosis in Malignant Pleural Mesothelioma (MPM) Cells by Activation of the Fas (APO-I/CD95) Death Signal Pathway. Oral presentation, 81st Annual Meeting, American Association for Thoracic Surgery, San Diego, CA, May 6-9, 2001.
- 59. Finkelstein SE, Summers RM, **Nguyen DM**, Stewart JH, Steiner FA, Schrump DS. Novel imaging modalities in the evaluation of thoracic malignancies. Presented in oral format at the Third International Conference on Prevention and Early Detection of Lung Cancer, Reykjavik, Iceland, August 99-12, 2001
- 60. Yu X, Guo Z-S, Marcu MG, Neckers L, **Nguyen DM**, Chen GA, Schrump DS. Depletion of mutant p53, erbB1, erbB2, and raf-1 in lung cancer cells by Depsipeptide FR901228 and Trichostatin A. Presented at AACR Special Conference on Cancer Research: Epigenetics of Cancer, Palm Desert, CA, October 17-21, 2001.
- 61. Yu X, Guo Z-S, Marcu MG, Neckers L, **Nguyen DM**, Chen GA, Schrump DS. Depsipeptide- mediated apoptosis coincides with depletion of mutant p53, erbB1, erbB2, and raf-1 protein levels in lung cancer cells. Presented at AACR-NCI-EORTC International Conference: Molecular Targets and Cancer Discovery, Biology and Clinical Applications, Miami Beach, FLA, October 29- November 2, 2001.
- 62. **Nguyen DM**, Lorang D, Chen GA, Stewart JH IV, Guo Z-S, Yu X, Hong JA, Wan H, Schrump DS. Synergistic Tumoricidal Effect of the Paclitaxel and 17 Allylamino Geldanamycin (17AAG) Combination in Nonsmall Cell Lung Cancer: In Vitro and In Vivo Analysis. Presented at the 92nd Annual Meeting, American Association for Cancer Research, New Orleans, LA, March 24-28, 2001.
- 63. Stewart JH IV, **Nguyen DM**, Chen A, Schrump DS. Induction of Apoptosis in Malignant Pleural Mesothelioma (MPM) Cells by Activation of the Fas (APO-1/CD95) Death Signal Pathway. Presented at the 81st Annual Meeting, American Association for Thoracic

- Surgery, San Diego, CA, May 6-9, 2001.
- 64. Weiser TS, Ohnmacht GA, Guo S, Chen GA, Hong JA, **Nguyen DM**, Schrump DS. Sequential 5-Aza-2´-deoxycytidine/depsipeptide treatment synergistically enhances MAGE-3 expression and apoptosis in lung and esophageal cancer cells. 36<sup>th</sup> Annual Meeting of the Society of Thoracic Surgeons, Fort Lauderdale, FL, January 31-February 2, 2000.
- 65. **Nguyen DM**, Chen A, Weiser TS, Schrump DS. Modulation of metastatic phenotype of non-small cell lung cancer by 17-allylamino geldanamycin. 36<sup>th</sup> Annual Meeting of the Society of Thoracic Surgeons, Fort Lauderdale, FL, January 31-February 2, 2000.
- 66. **Nguyen DM**, Stewart JH, Chen A, Schrump DS. Strategies to enhance sensitivity to soluble fas ligand (SfasL) for non-small cell lung cancer (NSCLC) and esophageal cancer (EsC). American Association for Cancer Research Special Conference, Lake Tahoe, NV, February 27-March 2, 2000.
- 67. Zhai S, Weiser TS, **Nguyen DM**, Figg WD, Schrump DS. Pharmacokinetics (PK) of paclitaxel administered via isolated lung perfusion (ILuP) in sheep. 91<sup>st</sup> Annual Meeting of the American Association of Cancer Research, San Francisco, CA, April 1-5, 2000.
- 68. **Nguyen DM**, Chen A, Weiser TS, Schrump DS. Phenotypic and functional characterization of fas (Apo-1/CD95) and fas ligand (FasL) expression in lung and esophageal cancers. Annual Meeting of the American Association for Cancer Research, San Francisco, CA, April 1-4, 2000.
- 69. Weiser TS, Ohmacht G, Guo ZS, Hong J, Parkhurst MR, Chen GA, Nguyen DM, Schrump DS. Sequential 5-Aza 2' deoxycytidine (DAC)/Depsipeptide FR 901228 (DP) treatment of lung and esophageal cancer cells facilitates their recognition by HLA-A\*0201 restricted CTL specific for NY-ESO-1. Annual Meeting of the American Association for Cancer Research, San Francisco, CA, April 1-4, 2000.
- 70. Weiser TS, Ohnmacht GA, Hong J, Wang R-F, **Nguyen DM**, Schrump DS. Sequential 5-Aza 2´ deoxycytidine (DAC)/Depsipeptide (DP) treatment of esophageal cancer cells facilitates their recognition by cytolytic T cells (CTL) specific for NY-ESO-1. Annual Meeting of the American Association of Thoracic Surgeons, Toronto, Ont, May 1-3, 2000.
- 71. **Nguyen DM,** Chen A, Mixon A, Schrump D. Sequence-dependent Enhancement of Taxol Sensitivity in Non small Cell Lung Cancer Cells by the erbB-2 Tyrosine Kinase Inhibitor NSC 330507. NCI Combined Intramural Principal Investigator Retreat. Chantilly, VA; January 7-8, 1999.
- 72. **Nguyen DM**, Chen A, Mixon A, Schrump D. Enhanced Taxol Cytotoxicity in Lung and Esophageal Cancer Cells by Downregulation of the erbB2/p185 Oncogene Product using 17-allylaminoGeldanamycin. Poster Presentation at AACR-sponsored Symposium "Molecular Determinants of Sensitivity to Antitumor Agents." Whistler, BC. March 4-8, 1999.
- 73. **Nguyen DM,** Chen A, Mixon A, Schrump D. Sequence-dependent Enhancement of Taxol Sensitivity in Non small Cell Lung Cancer Cells by the erbB-2 Tyrosine Kinase Inhibitor NSC 330507. Poster presentation at the 90<sup>th</sup> Annual Meeting of the AACR, Philadelphia, PA; April 10-14 1999.
- 74. **Nguyen DM**, Chen A, Mixon A, Schrump D. Sequence-dependent Enhancement of Taxol Sensitivity in Nonsmall Cell Lung Cancer Cells by the erbB-2 Tyrosine Kinase Inhibitor NSC 330507. 79<sup>th</sup> Annual Meeting of the American Association of Thoracic Surgeons, New Orleans, LA. April 18-21, 1999.
- 75. Nguyen DM, Kuang JQ, Duong MN, Alaoui-Jamali M. Induction of Chemosensitivity to

- Cisplatin in Non-Small Cell Lung Cancer by 9-CIS Retinoic Acid: Modulation by the Specific Erbb-2/p185 Tyrosine Kinase Inhibitor CP 127,374. Presented at the 65<sup>th</sup> Annual Meeting of the American College of Chest Physicians. Toronto, Ont; November 8- 12 1998. Chest 114 (Supplement): 268S, 1998.
- 76. **Nguyen DM**, Kuang JQ, Duong M, Alaow-Jamali M. Enhancement of Chemosensitivity to DNA-damaging Agents in Non-small Cell Lung Cancer (NSCLC) by 9cis Retinoid Acid (9CRA). Presented at the 65<sup>th</sup> Annual Meeting of the American College of Chest Physicians; Toronto, Ont; November 8-12, 1998. Chest 114; (Supplement) 267S-268S, 1998.
- 77. **Nguyen DM**, Kuang JQ, Duong M, Alaow-Jamali M. Enhancement of Chemosensitivity to DNA-damaging Agents in Non-small Cell Lung Cancer (NSCLC) by 9cis Retinoid Acid (9CRA). Presented at the 68<sup>th</sup> Annual Meeting of the Royal College of Physicians and Surgeons of Canada; Toronto, Ont; September 22-25, 1998.
- 78. **Nguyen DM**, Kuang JQ, Duong MN, Alaoui-Jamali M. Induction of Chemosensitivity to Cisplatin in Non-Small Cell Lung Cancer by 9-CIS Retinoic Acid: Modulation by the Specific Erbb-2/p185 Tyrosine Kinase Inhibitor CP 127,374. Presented at the 68<sup>th</sup> Annual Meeting of the Royal College of Physicians and Surgeons of Canada; Toronto, Ont; September 22-25, 1998.
- 79. Swisher SG, Roth JA, Neumanitis J, Lawrence D, Kemp BL, Carrasco CH, Connors DG, El-Naggar AK, Fossela FV, Glisson BS, Mong WK, Khuri FR, Kurie JM, Lee JJ, Lee JS, Merritt JA, Nesbitt JC, **Nguyen DM**, Pisters KMW, Putnam JB, Schrump DS, Shin DM, Perez Soles R, Walsh GL. Adenoviral Mediated p53 Gene Transfer in Patients With Advanced Non-small-cell Lung Cancer (NSCLC). Proceedings of ASCO, Volume 17: 431a, 1988.
- 80. Harper ME, Cristiano R, Spitz F, **Nguyen DM**, Gjerset RA, Roth JA. Enhancement of Anti-tumor Effect S. of p53 Gene Therapy by Combination with DNA-damaging Agents. Gene Therapy of Cancer V, San Diego, CA. November 14-16, 1996. Cancer Gene Therapy 1996, 3; p.114.
- 81. Spitz F, **Nguyen DM**, Skibber J, Cristiano RJ, Roth JA: In vivo p53 Tumor Suppressor Gene Therapy in Colorectal Carcinoma; 1996 Annual Meeting of the Society of Surgical Oncology March 21 23, 1996, Atlanta, GA.
- 82. **Nguyen DM**, Spitz F, Kataoka M, Wiehle S, Roth JA, Cristiano RJ: Enhancement of Gene Transduction in Human Carcinoma Cells by DNA-damaging Agents; 87<sup>th</sup> Annual Meeting of the American Association for Cancer Research, April 20 24, 1996, Washington, DC.
- 83. **Nguyen DM**, Wiehle SA, Koch PE, Roth JA, Cristiano RJ: Gene Therapy for Lung Cancer: Enhancement of Tumor Suppression by a Combination of Systemic Cisplatin and Adenovirus-mediated Gene Transfer; 87<sup>th</sup> Annual Meeting of the American Association for Cancer Research, April 20 24, 1996, Washington, DC.
- 84. Spitz F, **Nguyen DM**, Skibber J, Cristiano RJ, Roth JA: Adenoviral Mediated p53 Gene Therapy Enhances Radiation Sensitivity of Colorectal Cancer Cell Lines; 87<sup>th</sup> Annual Meeting of the American Association for Cancer Research, April 20 24, 1996, Washington, DC.
- 85. **Nguyen DM**, Spitz F, Koch P, Wiehle SA, Roth JA, Cristiano RJ. An Improved Gene Therapy Strategy for Non-small Cell Lung Cancer: A Combination of Sequential Systemic Cisplatin and Adenovirus-mediated p53 Gene Transfer; 65<sup>th</sup> Annual Meeting of the Royal College of Physicians and Surgeons of Canada, September 25 28, 1996, Halifax, NS.

- 86. **Nguyen DM**, Spitz F, Yen N, Wiehle SA, Cristiano RJ, Roth JA: Gene Therapy for Lung Cancer: Enhancement of Tumor Suppression by a Combination of Systemic Cisplatin and Adenovirus-mediated p53 Gene Transfer. 76<sup>th</sup> Annual Meeting of the American Association for Thoracic Surgery, April 28 May 1, 1996, San Diego, CA.
- 87. **Nguyen DM**, Spitz F, Cristian R, Roth JA. Gene Replacement Therapy for Lung Cancer. Invited lecturer at the Cancer Gene Therapy Meeting, Hammersmith Hospital, Royal Postgraduate Medical School, June 17, 1996, London, England.
- 88. **Nguyen DM**, Spitz F, Cristiano R, Roth JA: p53 Gene Therapy for Lung Cancer. Invited lecturer at the VI<sup>th</sup> World Congress of the International Society of Cardio-Thoracic Surgeons (ISCTS) and IX<sup>th</sup> Annual Meeting of the ISCTS-Japan Chapter, July 21 24, 1996, Hiroshima, Japan.
- 89. **Nguyen DM**, Spitz F, Cristian R, Roth JA: Gene Replacement Therapy for Lung Cancer. Invited lecturer at the Gene Therapy Workshop, 2<sup>nd</sup> Scientific Congress of the University Surgeons of Asia, August 13 14, 1996, Singapore.
- 90. Nguyen DM. Viral Vectors in Gene Therapy for Cancer. Invited lecturer at the Tumor Symposium of the American Society of Neurological Surgeons, October 3 4, 1996, Montreal, Quebec. Nguyen DM: Gene Therapy for Lung Cancer: A New Frontier of Thoracic Oncology. McGill University Division of Thoracic and Cardiovascular Surgery Annual Stikeman Conference, June 1 2, 1995, Montreal, Quebec.
- 91. deVarennes B, **Nguyen DM**, Denis F, Latter DA, Ergina P, Morin JE: Impact of Autotransfusion of Mediastinal Shed Blood in Aortocoronary Bypass Patients. Presented at the Annual Meeting of the Association of the Canadian Cardiovascular and Thoracic Surgeons. September 10 14, 1995, Montreal, Quebec.
- 92. **Nguyen DM,** Weihle SA, Cristiano RJ, Roth JA: Efficient Gene Delivery to Malignant Cells by a Conjugated Adenovirus/DNA Complex; Surgical Forum, 81<sup>st</sup> Clinical Congress of the American College of Surgeons, October 22 27, 1995, New Orleans, Louisiana.
- 93. **Nguyen DM**, Weihle SA, Koch PE, Roth JA, Cristiano RJ: Modulation of in vivo Tumor Growth by p53 Gene Replacement Therapy using a Conjugated Adenovirus/DNA Complex as a Novel Delivery System. 48<sup>th</sup> Annual Symposium on Fundamental Cancer Research, October 17 20, 1995, Houston, Texas.
- 94. Roth JA, **Nguyen DM**, Lawrence D, Kemp BL, Nesbitt JC, Putnam JB, Han J, Martin F, Hong WK, Komaki R, Yen N, Mukopadhyay T, Cai D, Carrasco CH, Dolormente M: Gene Transfer of Wildtype p53 in Cancer Patients with Mutant p53 Tumors. Gene Therapy for Cancer IV, November 9 -11, 1995, San Diego, CA. Cancer Gene Therapy 2:335, 1995.
- 95. **Nguyen DM:** Cardiac Herniation Following Right Pneumonectomy. Presentation at the Annual Meeting of the Association of Cardiovascular and Thoracic Surgeons of Quebec, June 2 3, 1994, Orford, Quebec.
- 96. Tchervenkov CI, **Nguyen DM**, Beland MJ: The Taussig-Bing Heart with Severe Subaortic Stenosis and Aortic Arch Obstruction. Presentation at the Annual Meeting of the Society for Thoracic Surgeons, January 20 24, 1994, New Orleans, Louisiana.
- 97. **Nguyen, DM,** deVarennes B, Gilfix, B, Blank D, Latter D, Dennis F, Morin JE: Impact of Autotransfusion of Mediastinal Shed Blood on Cardiac Enzymes. Poster presentation at the 47<sup>th</sup> Annual Meeting of the Canadian Cardiovascular Society, October 25 29, 1994, Edmonton, Alberta.
- 98. Nguyen DM, Dobell ARC, Tchervenkov CI: The Management of Postoperative

- Chylothorax/Chylopericardium (CT/CP) following Pediatric Cardiac Surgery: A Ten Year Experience. Poster presentation at the 46<sup>th</sup> Annual Meeting of the Canadian Cardiovascular Society, October 26 30, 1993, Vancouver, British Columbia.
- 99. **Nguyen DM**, Mangel R, LeCavalier M, Laplante M, Rosenberg L: Lessons Learned from Routine Prophylactic Use of OKT3 for Renal Transplantation. Poster presentation at the 61<sup>st</sup> Annual Meeting of the Royal College of Physicians and Surgeons of Canada, September 11 14, 1992, Ottawa, Ontario. Clinical and Investigative Medicine 15:A153, 1992.
- 100. Tomkiewicz RP, Ramirez O, Zayas JG, Nguyen DM, Shennib H, App EM, King M: Adaptation of Mucociliary Function in a Canine Model of Single Autologous Transplantation. Presented at the 57<sup>th</sup> Annual Scientific Assembly of the American College of Chest Physicians, November 4 8, 1991, San Francisco, California. Chest 100:63S, 1991.
- 101. **Nguyen DM**, Li CM, Schmidt G, Mulder DS, Shennib H: Bronchoalveolar Lavage Lymphocyte Cytotoxicity: An indicator of the Adequacy of Lung Preservation. Presented at the Annual Meeting of the Canadian Society of Cardiovascular and Thoracic Surgeons, September 19 23, 1991, Quebec City, Quebec. Canadian Journal of Surgery 34:396, 1991.
- 102. Shennib H, **Nguyen DM**, Adoumie R, Slinger P, Lebel F, Fraser R, Mulder DS, Ernst P: Early Extubation after Lung Transplantation: The McGill Experience. Poster presentation at the 11<sup>th</sup> Annual Meeting of the International Society for Heart Transplantation, April 7 9, 1991, Paris, France. The Journal of Heart and Lung Transplantation 10:184, 1991.
- 103. **Nguyen DM**, Mulder DS, Shennib H: Alterations of Bronchoalveolar Lavage Lymphocyte Cytolytic Functions Following Lung Allograft Rejection and Infection. Presented at the 70<sup>th</sup> Annual Meeting of the American Association for Thoracic Surgery, May 7 9, 1990, Toronto, Ontario.
- 104. **Nguyen, DM,** Mulder DS, Rajotte I, Shennib H: Cytolytic Activity of Bronchoalveolar Lavage Lymphocytes in Lung Allograft Rejection and Infection. Poster presentation at the Joint Meeting of Societas Europaea Pneumologica and Societas Europaea Physilogiae Clinicae Respiratoriae, September 9 14, 1990, London, England.
- 105. **Nguyen DM**, Li CM, Schmidt G, Mulder DS, Shennib H: Bronchoalveolar Lavage Lymphocyte Cytotoxicity: An Indicator of the Adequacy of Lung Preservation. Presented at the 24<sup>th</sup> Meeting of the Association for Academic Surgery, November 14 17, 1990, Houston, Texas.
- 106. **Nguyen DM,** Mulder DS, Shennib H: Altered Immune Cell Function in the Atelectatic Lung. Poster Presentation at the Annual Meeting of the American Lung Association/American Thoracic Society, May 13 17, 1989, Cincinnati, Ohio. American Review of Respiratory Disease, 139:A473, 1989.
- 107. **Nguyen DM**, Mulder DS, Shennib H: Altered Immune Cell Function in the Atelectatic Lung. Presented at the Annual Meeting of the Canadian Association of General Surgeons, September 22 25, 1989, Edmonton, Alberta. Canadian Journal of Surgery 32:302, 1989.
- 108. **Nguyen DM**, Mulder DS, Shennib H: Normothermic Ischemia Induces Alteration of Bronchoalveolar Lavage Cell Functions. Presented at the Annual Meeting of the Canadian Society of Cardiovascular and Thoracic Surgeons, September 22 25, 1989, Edmonton, Alberta. Canadian Journal of Surgery 32:306, 1989.

- 109. **Nguyen DM,** Mulder DS, Shennib H: Normothermic Ischemia Induces Alteration of Bronchoalveolar Lavage Cell Functions. Presented at the 23<sup>rd</sup> Annual Meeting of the Association for Academic Surgery, Louisville, Kentucky, November 15 18, 1989.
- 110. Shennib H, **Nguyen DM**, Mulder DS: Cardiopulmonary Bypass Induces Early Changes in Circulating Leukocyte Cytotoxicity. Poster presentation at the Annual Meeting of the Canadian Cardiovascular Society, , Vancouver, British Columbia, October 25 28, 1989.

## **Visiting Professorships**

- Sylvester Cancer Center/University of Miami; Host Dr. WJ Goodwin; Lecture title: "Targeted-molecular therapy for thoracic cancers via activation of TRAIL-mediated apoptosis-inducing pathway"; March 12<sup>th</sup> 2007.
- Wake Forest University, Department of Surgery; Host Dr. John Stewart; Lecture title: "Targeted molecular therapy for thoracic cancer cells: development of clinically applicable strategies to efficiently and directly induce apoptosis of cancer cells"; January 6<sup>th</sup> 2007.
- Beijing Institute of Basic Medical Sciences; Host: Professor Xiaodan Yu; Lecture titles: "Development of clinically applicable strategies to potentiate the anticancer property of histone deacetylase inhibitors (HDACi)" and "Development of molecular therapy for thoracic cancers by targeting receptor-mediated signal transduction pathway"; September 4-8 2006.
- 4 Robert Wood Johnson University Hospital; Department of Surgery; Host: Dr. Stephen Lowry; Lecture Title: "Moving toward molecular therapy for thoracic malignancies using non-small cell lung cancer as a case study"; September 5<sup>th</sup> 2005

### Lectures.

- 1. Thoracic surgery correlates. Respiratory Module lectures for second year medical students, University of Miami, 2011, 2012, 2013.
- 2. Therapy for early stage lung cancer: when to operate and when to ablate. Synergy 2013. October 18-20, Miami Beach, FL.
- 3. Thoracic Surgical Oncology for the Medical Oncologist. University of Miami lecture for the core curriculum of medical oncology fellowship program. November 26<sup>th</sup> 2013.
- 4. Minimally invasive thoracic surgery for the management of lung cancer. Lung Cancer Awareness Day, Sylvester Comprehensive Cancer Center. November 14<sup>th</sup> 2013
- 5. State-of-the-art therapy for early stages of non-small cell lung cancer in the 21<sup>st</sup> century. The 7th Princess Chulabhorn International Science Congress: Cancer, from Basic Research to Cure; November 29<sup>th</sup> –December 3<sup>rd</sup> 2012. Bangkok, Thailand.
- 6. Current therapy for non-small cell lung cancer. Invited lecturer, departments of pulmonary medicine and surgery, The University of Medicine and Pharmacy at Ho Chi Minh City, December 7<sup>th</sup> 2012. Ho Chi Minh City, Viet Nam.
- 7. Preoperative evaluation of cardiopulmonary function prior to lung resection. Invited lecturer, departments of pulmonary medicine and surgery, The University of Medicine and

- Pharmacy at Ho Chi Minh City, December 7th 2012. Ho Chi Minh City, Viet Nam.
- 8. Current status of surgical therapy for primary and secondary lung cancers. Synergy 2011, 2012; Miami Beach, Florida.
- 9. Tri-State Lung Disease Symposium. Ponte Vedra, Florida, September 30th to October 2nd. Five consecutive cases of lung infection treated surgically.
- 10. University of Miami/Sylvester Comprehensive Cancer Center Graduate Studies Program in Cancer Biology: CAB 620 Dialogues with Cancer Clinicians. Molecular Therapy for Thoracic Malignancies: Targeting the growth or the death signalling pathways. March 1<sup>st</sup> 2010.
- 11. The William J Harrington Medical Conferences. Current Management of Non-Small Cell Lung Cancer. University of Miami March 18<sup>th</sup> 2010.
- 12. University of Miami Department of Surgery Grand Round. Advances in the Treatment of Non-Small Cell Lung Cancer: Anything You Want to Know but Hesitate to Ask, October 17<sup>th</sup> 2009.
- 13. Jackson memorial Hospital Town Hall Meeting on Lung Cancer. Surgical resection as part of the multimodality therapy for locally advanced non-small cell lung cancer. Jackson Memorial Hospital, September 30<sup>th</sup> 2009.
- 14. Department of Medicine Grand Round, University of Miami Hospital, Management of pleural effusion in hospitalized patients, December 4<sup>th</sup> 2008.
- 15. Cancer Biology Graduate Program, University of Miami, Targeted Molecular Therapy for Thoracic Malignancy: Bench to Bedside and Back, September 29<sup>th</sup> 2008.
- 16. Department of Nuclear Medicine, Jackson Memorial Hospital;, Adjuvant Chemotherapy for Non-Small Cell Lung Cancer, June 12<sup>th</sup> 2008.
- 17. Division of Hematology/Oncology, Sylvester Comprehensive Cancer Center, University of Miami, Molecular Therapy for Non-Small Cell Lung Cancer, July 3rd 2008.
- 18. University of Miami Department of Surgery Grand Round. Updates on the Treatment of Non-Small Cell Lung Cancer, April 17<sup>th</sup> 2008.
- 19. Division of Radiation Oncology, Sylvester Comprehensive Cancer Center, University of Miami, Surgical Therapy for Non-small Cell Lung Cancer, January 17<sup>th</sup> 2008.
- 20. University of Miami "William J. Harrington Program for Latin American Students, Weekly Conferences, Current Therapy for Non-Small Cell Lung Cancer, November 1<sup>st</sup> 2007:
- 21. Department of Surgery, University of Miami, Core teaching curriculum for general surgery residents: Surgical management of pulmonary metastasis, March 12th 2009.
- 22. Division of Pulmonary Medicine, Department of Medicine, University of Miami, Core teaching curriculum for pulmonary medicine fellows: Surgical and medical management of non-small cell lung cancer, February 19<sup>th</sup> 2009.
- 23. Division of Pulmonary Medicine, Department of Medicine, University of Miami, Core teaching curriculum for pulmonary medicine fellows: Management of pleural effusion, December 4th 2008.
- 24. Department of Surgery, University of Miami, Core teaching curriculum for general surgery residents: Current management of non-small cell lung cancer, September 25th 2008.

## **V. PROFESSIONAL**

## Clinical Research protocols.

The followings are the research clinical protocols that I was directly participated as a PI or subPI when I was an investigator at the National Cancer Institute, I no longer participate in these intramural protocols.

Phase I Study of Decitabine-Mediated Induction of Tumor Antigen and Tumor Suppressor Gene Expression in Patients with Cancers Involving the Lung, Esophagus, or Pleura (Intramural research protocol; PI: David S. Schrump, MD; subPI: Dao M. Nguyen, MD; 1999-2003; 20% effort)

A phase I study of isolated lung perfusion with paclitaxel and moderate hyperthermia in patients with unresectable pulmonary malignancies (Intramural research protocol; PI: David S. Schrump, MD, subPI: Dao M. Nguyen, MD, 1999-2002, 20% effort)

Phase I and clinical pharmacologic study of inhaled doxorubicin in adults with advanced solid tumors affecting the lungs (Intramural research protocol; PI: David S. Schrump, MD, subPI: Dao M. Nguyen, MD, 1999-2002, 20% effort)

Phase II Study of Gene Induction Mediated by Four-hour Intravenous Depsipeptide (FR901228/NSC 630176) Infusion in Lung Cancer Patients (Intramural research protocol; PI: David S. Schrump, MD, subPI: Dao M. Nguyen, MD, 1999-2004, 20% effort)

Phase I Study of Gene Induction Mediated by Sequential Decitabine/Depsipeptide Infusion with or without Concurrent Celecoxib in Subjects with Pulmonary and Pleural Malignancies (Intramural research protocol; PI: David S. Schrump, MD, subPI: Dao M. Nguyen, MD, 2002-2007, 20% effort)

Prospective Evaluation of Epigenetic Alterations in Patients with Thoracic Malignancies (Intramural research protocol; PI: David S. Schrump, MD, subPI: Dao M. Nguyen, MD, 2000-2007, 20% effort)

Phase I Study of Sequential Depsipeptide/Flavopiridol Infusion for Malignancies Involving Lungs, Esophagus, Pleura, Thymus or Mediastinum (Intramural research protocol; PI: Dao M. Nguyen, MD, subPI: David S. Schrump, MD, 2004-2007, 50% effort PI)

The followings are the clinical protocols that I am currently involved at the Sylvester Comprehensive Cancer Center.

SCCC 2002047: Early Lung Cancer Detection Utilizing CAT scan and Existing Community-Based Screening Programs (PI: Richard Thurer, MD, subPI: Dao M. Nguyen, MD; 2002 to present, 10% effort)

SCCC 2008045: Pilot study targeting residual hypermethylation in early stage non-small cell lung cancer as part of adjuvant therapy and preventive strategy. (PI: Edgardo Santos, MD, subPI: Dao M. Nguyen, MD, 2009, effort 10%).

Estrogen/ Estrogen Receptor-mediated Activation of Matrix Metalloproteinase-2 Promotes Pulmonary Lymphangioleiomyomatosis and other rare disease in the lung (ePROST ID# 20060294) (PI: Dr. Marilyn Glassberg, subPIs: Sharon Elliot, PhD and Dao Nguyen, MD, effort 5%).

Identification of a Plasma Proteomic Signature for Lung Cancer (Integrated Diagnostics, Inc.) (ePROST ID#20130273) (PI: Dao M. Nguyen, MD, effort 10%)

#### **Funded Research**

2011: Woman Cancer Association, University of Miami (\$40,000, effort 50%): New approach to lung cancer therapy by repurposing FDA-approved drugs that are shown to inhibit the hedgehog signal transduction pathway.

2009: Scientific Award Committee, University of Miami (\$11,000, effort 50%): Development of a clinically applicable strategy to potentiate Apo2L/TRAIL cytotoxicity in malignant pleural mesothelioma using histone deacetylase inhibitor SAHA.

2007 – 2012: Start-up funding from the Sylvester Comprehensive Cancer Center and the Department of Surgery to cover on a rolling-basis annual operating costs and salary for PI, a postdoctoral fellow and a senior laboratory technician and a \$200,000 for equipment.

#### **Honors and Awards**

The B. and Donald Carlin Endowed chair for Thoracic Surgical Oncology 2011- present.

Division of Cardiothoracic Surgery, Department of Surgery: Teacher of the Year Award (2009, 2010, 2011); The selection of this award was made by the cardiothoracic surgery fellows out of a pool of 7 attending surgeons based on the ability of the recipient to perform his/her duty as an outstanding clinical educator.

Society of Thoracic Surgeons/American College of Surgeons Health Policy Scholarship (2008).

Mentor-of-Merit Award, National Cancer Institute/National Institutes of Health (2006) NIH Merit Award (2005).

Cecil Lehman Award (Finalist), American College of Chest Physicians (1998).

Herbert G. Lang Research Award. The Montreal General Hospital Research Institute. Montreal, Quebec (1995, 1996, 1997).

The Montreal General Hospital 175<sup>th</sup> Anniversary Fellowship. Montreal, Quebec (1996). The Fraser, Monat and McPherson Scholarship, Faculty of Medicine, McGill University. Montreal, Quebec (1996 & 1997 – 2000).

Hartland de Molson Award. Montreal, Quebec (1997).

Stikeman Award, Department of CVT Surgery, McGill University. Montreal, Quebec (1990).

Canadian Cystic Fibrosis Foundation Research Fellowship. Montreal, Quebec (1989).

Davis and Geck Prize of the Department of Surgery, McGill University. Montreal, Quebec (1989).

Canadian Society for Clinical Investigation Student Award. Edmonton, Alberta (1989).

Robert Forsyth Prize in Surgery, Faculty of Medicine, McGill University. Montreal, Quebec (1986).

Faculty of Medicine Summer Research Bursary, McGill University. Montreal, Quebec (1983, 1984).

Faculty of Medicine Winter Research Bursary, McGill University. Montreal, Quebec (1983).

Canadian Kidney Foundation Summer Research Studentship. Montreal, Quebec (1982)

Canadian Liver Foundation Summer Research Studentship. Montreal, Quebec (1982).

McConnell Award, McGill University. Montreal, Quebec (1982).

Faculty Scholar, Faculty of Science, McGill University (Grade Point A verage 4.0). Montreal, Quebec (1982).

Award for Graduating Student with Highest Standing in Health Science Program at LaFontaine Campus of Dawson College. Montreal, Quebec (1981).

McConnell Entrance Scholarship. McGill University. Montreal, Quebec (1981).

## VI. TEACHING

2008 - 2011	Coordinator of the didactic lecture series for cardiothoracic surgery fellows
	at University of Miami (General Thoracic Surgery Topics)
1998 - 2007	Lecturer of the Surgical Oncology Course of the Surgery Branch for clinical
	fellows; invited lecturer of the Oncology Nurse Training Program, Warren S.
	Magnuson Clinical Center.
1996 - 1998	Coordinator of the tutorial sessions for Cardiothoracic fellows and residents.
1996 - 1998	Lecturer in thoracic surgery topics for McGill medical students.

### **Research mentorship:**

As an independent investigator in the Surgery Branch, Center for Cancer Research, National Cancer Institute, National Institutes of Health, I have mentored the following post-doctoral fellows in my laboratories:

Dr. Javier Verona Santos (post-PhD research fellow) July 2008 to present; currently working in my research laboratory.

Dr. John Stewart, IV (post-MD research fellow): January 2000 - June 2002; currently an Assistant Professor at Wake Forest University, Winton-Salem, NC.

Dr. Wilson Tsai (post-MD research fellow): January 2002 - June 2003; currently a thoracic surgeon in private practice in San Francisco, CA..

Dr. Rishindra Reddy (post-MD research fellow): January 2003 - June 2004; currently an Assistant Professor of Surgery, Division of Thoracic Surgery at the University of Michigan.

Dr. George Cole (post-MD research fellow): January 2003 - June 2004; currently thoracic surgery resident at Cleveland Clinic.

Dr. Annette Alleva (post-MD research fellow): January 2004-June 2005; currently a general surgeon practicing in Main.

Dr. Firdos Ziauddin (post-MD research fellow): January 2004 – June 2005; currently pursuing a fellowship in surgical oncology.

Dr. JingTong Zuo (IRTA fellow): February 2003 -2005, currently is finishing an undergraduate degree nursing.

Dr. Wen-Shu Yeow (Post PhD fellow): August 2004- March 2006; currently an assistant professor (research) at Thomas Jefferson University, Kimmel Cancer Center, Philadelphia, PA.

Mr. Alex Chua (summer research student): Summer 2003, 2004,2005; currently an undergraduate student, Major in Biology/PreMedical education at University of Maryland.

Mr. Aris Baras (summer research intern): Summer 2004, 2005; attending medical school at Duke University starting 2007.

Mr. Justin Maxhimer, BA (Howard Hughes Medical Institute Scholar): September 2003 –June 2004; currently a resident in general surgery at John Hopkins University.

Ms. Susan Shamimi-Nori, BS (Howard Hughes Medical Institute Scholar): September 2004 – June 2005; attending the residency training program in Radiology at University of Pennsylvania 2007.

Mr. Shailen Sehgal, BS (Clinical Research Training Program Fellow, National Institutes of Health): August 2005 to June 2006; attending the residency training program in Urology at University of Pennsylvania 2007.

Ms. Thai-Lan N. Tran, BS (Clinical Research Training Program Fellow, National Institutes of Health): July 2006 to June 2007; attending residency training program in Surgery at University California at Davis.

#### Thesis and Dissertation committee

Serving as clinician mentor to the following PhD candidates:

Student name: Samia Khan, Sheila and David Fuente Graduate Program in Cancer Biology, University of Miami (Research mentor: Eckhard R. Podack, PhD).

Student name: Ying-Ying Li. Sheila and David Fuente Graduate Program in Cancer Biology, University of Miami (Research mentor: Niramol Savaraj, MD).

Student name: Jun Long. Sheila and David Fuente Graduate Program in Cancer Biology, University of Miami (Research mentor: David J Robbins, PhD).

## **VII SERVICE**

2013- 2017: active member of the American Association for Thoracic Surgery (AATS) Research Scholarship Committee to review research grant application (thoracic sub-committee)

2010 to present: member of the planning committee for the Tri-State Consecutive Case Conference on Lung Disease (the Southeast Thoracic Association (SETA); American Lung Association of the Southeast, Inc.).

2011-2012: ad-hoc member of the American Association for Thoracic Surgery (AATS) Research Scholarship Committee to review research grant application (thoracic sub-committee)

2008 to present: examiner of the Objective Structured Clinical Examinations (OSCE) for 3<sup>rd</sup> year medical students of the Miller School of Medicine.

07/2009 – present: Member of scientific review committee (Thoracic Surgery) for the Society of Thoracic Surgeons 2010 Annual Meeting.

03/2009 – present: American College of Surgeons State Advocacy Representative

01/2009 – present: Member of the Workforce on Health Policy, Reform and Advocacy (Society of Thoracic Surgeons).

09/2008 – present: member of planning committee for the Tri-State Consecutive Case Conference on Lung Disease.

09/2008 – present: Co-chair, Site-Specific Disease Group: Lung, Sylvester Comprehensive Cancer Center, University of Miami.

05/2006 – 08/2007: Member of the National Cancer Institute Institutional Review Board (with voting privilege)

1997 - present: Ad hoc reviewer for the Canadian Journal of Surgery, Journal of Thoracic and Cardiovascular Surgery, Annals of Thoracic Surgery, Journal of Surgical Oncology, Cancer Research, Clinical Cancer Research, The Cancer Letter, Journal of The National Cancer Institute, The Cancer Journal, British Journal of Cancer, European Journal of Cancer. Pharmacological Research, Apoptosis, Ad Hoc reviewer of operating grants for the Cancer Research Society (Montreal, Quebec, Canada) and Medical Research Council of Canada.

1996 - 1998 Clinical coordinator of Thoracic Surgery Service at The Montreal General Hospital.

1996 – 1998	Member of the McGill Health Science Center Planning Committee for patients with respiratory disease, Montreal, Quebec, Canada.
1997 - 1998	Member (Cardiothoracic Surgery) of the Core Surgery Training Program Committee, Department of Surgery, McGill University, Montreal, Quebec, Canada.
1997 - 1998	Member of the Clinical Trial Ethics Committee, The Montreal General Hospital, Montreal, Quebec, Canada.