

NAME	POSITION TITLE
Francesco Turturro., M.D.	Associate Professor of Medicine, Louisiana State University Health Sciences Center in Shreveport, LA

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Bari Medical School, Bari, Italy	M.D.	1982	Medicine
Clinical Medica University of Bari Medical School, Italy	Internship	1980-1982	Geriatric Medicine
University of Bari Medical School, Bari, Italy	Residency	1983-1985	Geriatric Medicine
Baylor College of Med, Houston TX	Postdoc fellow	1986-1989	Lipid Metabolism
Univer. of Kentucky School of Med, Lexington, KY	Residen/Post	1992-1997	Int Medicine/Med Oncology

**RESEARCH AND PROFESSIONAL EXPERIENCE:**

**Birthplace:** Giovinazzo, Italy      **Citizenship:** Italian

**Professional Experience:**

2001-2002      Director of Research, University of Iowa Affiliated Program Des Moines Internal Medicine Residency, Des Moines and Iowa City

1997-2002      Clinical Staff Scientist, Stoddard Cancer Research Institute, Des Moines, Iowa  
 Chief Division Hematology-Oncology, VA Central Iowa Health Care System, Des Moines, Iowa  
 Clinical Assistant Professor, University of Iowa Affiliated Program Des Moines Internal Medicine Residency, Des Moines and Iowa City

1990-1992:      Assistant Chief, Hospital "Clinica S. Giovanni", Bari, Italy

1990-1992:      Instructor, Baylor College of Medicine, Houston, Texas

1985-1986:      Visiting Investigator, University of Bari, Bari, Italy

1982-1985:      Investigator and Lipid Clinic Assistant, Clinica Medica University of Bari Medical School, Bari, Italy. Clinical Assistant, Clinica S. Giovanni, Bari, Italy.

**Awards, Invited Speaker Presentations, Continued Education, Grant Review Committee:**

Oral presentation at the 43<sup>rd</sup> Annual Meeting of the American Society of Hematology entitled "Effects of the inhibition of NPM-ALK kinase activity by 17-allylamino-17-demethoxygeldanamycin (17-AAG)", Orlando, Florida, December, 2001.

Grant reviewer for the Innovation and Techn. Fund, the Government of Hong Kong Special Adm Region, Hong Kong, December 2001.

Grant reviewer for the Canadian Institutes of Health Research, October 2000.

Member of the grant review panel for the American Cancer Society, Atlanta, GA, January 2000.

Presentation at the 2<sup>nd</sup> National Meeting of the American Society of Gene Therapy entitled: "Animal model of gene therapy for non-Hodgkin's Lymphoma", Washington, D.C.

Henry Christian Memorial Award for Outstanding Abstract in Cardiology, Washington, DC, May, 1990.

Italian-Dutch Meeting on Cardiology and Hypertension Lecture, "Primary and secondary prevention of atherosclerosis", Rotterdam, Holland, October, 1990

NIH and Italian National Council of Research Lecture, "Molecular genetics and biology of apolipoproteins in women", Houston, Texas, November, 1990.

Participation at the "1989 Molecular Endocrinology Workshop", Baylor College of Medicine, Houston, Texas, February, 1989.

NATO Meeting: "Human apolipoprotein mutants: From gene structure to phenotypic expression, RFLPs of Apo B gene", Limone sul Garda, Italy, March, 1988.

Italian Secretariat of Health National Scholarship Award as outstanding intern for the Residency In Gerontology and Geriatric Medicine for the South-Eastern Regions of Italy, 1982-1985.

**Previous funding:**

**1997:** Title: "Adenovirus-mediated Gene Therapy for Anaplastic Large Cell Lymphoma in a Nude Mouse Model"  
 Period of support :1998  
 Amount: \$ 18,000  
 Source: Veterans Administration Medical Center, Des Moines , IA

**1997:** Title: "Study of Adenoviral Receptor in a Cell Line Derived From Anaplastic Large Cell Lymphoma: Implications for Targeting in the Gene Therapy of this Lymphoma".  
 Period of support: 1998  
 Amount: \$ 5,000  
 Source: CIHS Research & Innovation Committee, Des Moines, IA

**1999:** Title: "Coxsackie-Adenovirus Receptor (CAR) gene structure, expression and regulation: implications for gene therapy in cancer with adenoviral vector".  
 Period of support: 1999

Amount: \$ 13,500

Source: Des Moines Research and Education Corporation, VA Central Iowa Health Care System, Des Moines, IA

**2000:** Title: "Study of the molecular mechanism of apoptosis induced by recombinant adenovirus expressing p27<sup>Kip1</sup> in SUDHL-1 cells derived from anaplastic large cell lymphoma"

Period of support: 2000-2001

Amount: \$ 7,000

Source: Research and Innovation Center, Des Moines, IA

**2001:** Title: "Relevance of the oncoprotein NPM-ALK in the regulation of the cell cycle in anaplastic large cell lymphoma"

Period of support: 2001

Amount: \$ 10,000

Source: Research and Innovation Center, Des Moines, IA

**Current funding:**

**2002** New Faculty Support

Period of support: 2002-2004

Amount: \$ 175,000

Source: Louisiana State University Health Sciences Center, Shreveport, LA

**Publications**

1. **F. Turturro**, J. Heibig, L. Chan, A.M. Gotto, Jr., G. Ghiselli. A complex Hind III polymorphism in the human apoprotein (apo) B gene. *Nucl Ac Res*, 1987, 15:9618.
2. Capurso, A.M. Mogavero, F. Resta, M. DiTommaso, R. Taverniti, **F. Turturro**, M. La Rosa, S. Marcovina, A. Catapano. Apolipoprotein CII Deficiency: detection of immunoreactive apolipoprotein CII in the intestinal mucosa of two patients. *J Lip Res*, 1988, 29:703.
3. Capurso, F. Resta, **F. Turturro**, A.M. Colacicco, C. Crecchio, G. Pepe. APO-CII deficiency type Bari. *Eur J Epidem*, 1992, 8(2):64.
4. **F. Turturro**, D.M. Tritz, M. Doukas. Extrahepatic manifestations of hepatitis C virus: association with monoclonal gammopathies. *Ann Int Med*, 1996, 125(4): 345.
5. W.J. Shih, **F. Turturro**, V. Stipp, P. De Simone. Ring appearance on Tc-99m MIBI thoracic SPECTs and increased uptake on Tc-99m HMDP thoracic SPECTs in a pulmonary mass of small cell carcinoma. *Ann Nucl Med*, 1996, 10(4):425.
6. T.C. Meeker, L.T. Lay, J.M. Wroblewski, **F. Turturro**, Z. Li, P. Seth. Adenoviral vectors efficiently target cell lines derived from selected lymphocytic malignancies, including anaplastic large cell lymphoma and Hodgkin's disease. *Clin Cancer Res*, 1997, 3:357.
7. **F. Turturro**, P. Seth and C.J. Link. In vitro adenoviral vector p53-mediated transduction and killing correlates with expression of coxsackie-adenovirus receptor (CAR) and  $\alpha_v\beta_5$  integrin in SUDHL-1 cells derived from anaplastic large cell lymphoma. *Clin Cancer Res*, 2000, 6:185.
8. **F. Turturro**, H.L. Heineke, T.F. Drevyanko, C.J. Link and P. Seth. Adenoviral p53-mediated gene therapy of anaplastic large cell lymphoma with t(2;5) in a nude mouse model. *Gene Ther*, 2000, 7: 930.
9. **F. Turturro**, A.Y. Frist, M.D. Arnold, P. Seth, and K. Pulford. Biochemical differences between SUDHL-1 and KARPAS 299 cells derived from t(2;5)-positive anaplastic large cell lymphoma are responsible for the different sensitivity to the antiproliferative effect of p27<sup>Kip1</sup>. *Oncogene*, 2001, 20: 4466.
10. **F. Turturro**, A.Y. Frist, M.D. Arnold, A. Pal, G.A. Cook, and P. Seth. Comparison of the effects of recombinant adenovirus-mediated expression of wild type p53 and p27<sup>Kip1</sup> on cell cycle and apoptosis in SUDHL-1 cells derived from anaplastic large cell lymphoma. *Leukemia*, 2001, 15: 1225.
11. **F. Turturro**, M.D. Arnold, A.Y. Frist, and K. Pulford. Model of inhibition of the NPM-ALK kinase activity by herbimycin A. *Clin Cancer Res*, 2002, 8: 240.
12. **F. Turturro**, M.D. Arnold, A.Y. Frist, and P. Seth. Effects of adenovirus-mediated expression of p27<sup>Kip1</sup>, p21<sup>Waf1</sup> and p16<sup>INK4A</sup> in cell lines derived from t(2;5) anaplastic large cell lymphoma and Hodgkin's Disease. *Leuk Lymphoma*, 2002, 6: 1323.
13. **F. Turturro**. Recombinant Adenoviral-mediated Cytotoxic Gene Therapy and Lymphoproliferative Disorders: Analysis Based on Pharmacodynamics. *Curr Drug Targets Immune Endocrine & Metabolic Disorders*, 2002, 2:109.
14. **F. Turturro**. Recombinant adenovirus-mediated cytotoxic gene therapy of lymphoproliferative disorders: is CAR important for the vector to ride? *Gene Ther*, in print.
15. **F. Turturro**, P. Seth. Prolonged adenovirus-mediated expression of p27 unveils unexpected effects of this protein on the phenotype of SUDHL-1 cells derived from t(2;5)-anaplastic large cell lymphoma. *Leuk Res*, in print.