

CURRICULUM VITAE

April 1, 2011

GIUSEPPE N. COLASURDO, M.D.

President *ad interim*, The University of Texas
Health Science Center at Houston (UTHealth)

H. Wayne Hightower Distinguished Professor in the Medical Sciences
and Dean, The University of Texas Medical School at Houston (UTHealth Medical School)

David R. Park Professorship in Pediatric Medicine
Professor and Chair, Department of Pediatrics
UTHealth Medical School

President and Chief Executive Officer
University of Texas Physicians

Physician-In-Chief
Children's Memorial Hermann Hospital

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Place of Birth: Morrone Del Sannio, Italy
Citizenship: Italy and USA

UNDERGRADUATE EDUCATION

Liceo Scientifico "Galileo Galilei" Pescara, Italy	BS	1974-1978
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GRADUATE EDUCATION

"G. D'Annunzio" School of Medicine Chieti, Italy - Summa Cum laude	MD	1978-1985
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POSTGRADUATE TRAINING

"G. D'Annunzio" School of Medicine Department of Internal Medicine Chieti, Italy	Pulmonary Research	1985-1988
University of Texas Medical Branch	Residency (PL 1-3)	1988-1991

Department of Pediatrics
Galveston, Texas

University of Colorado Health Science Center and National Jewish Research and Medical Center Division of Pulmonary Medicine Denver, Colorado	Fellowship	1991-1994
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ADMINISTRATIVE APPOINTMENTS

Head, Pediatric Pulmonary Medicine Division Department of Pediatrics UTHealth Medical School		1997-2002
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Director, Pediatric Pulmonary Research Baylor College of Medicine Houston, Texas		1997-2001
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Director, Fellowship Training Program Pediatric Pulmonary Medicine The University of Texas Medical School at Houston		2001-2009
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Head, Division of Pediatric Pulmonary & Critical Care Medicine The University of Texas Medical School at Houston		2002-2009
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Interim Chairman Department of Pediatrics The University of Texas Medical School at Houston		5/2005-10/2005
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Chairman Department of Pediatrics The University of Texas Medical School at Houston		11/2005-Present
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H. Wayne Hightower Distinguished Professor and Dean The University of Texas Medical School at Houston		9/2007-Present
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President and Chief Executive Officer University of Texas Physicians		1/2008-Present
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David R. Park Professorship in Pediatric Medicine, Department of Pediatrics The University of Texas Medical School at Houston		2010-Present
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Interim President Designate, The University of Texas Health Science Center at Houston (UTHealth)		2/2011-3/31/2011
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President <i>ad interim</i> , The University of Texas Health Science Center at Houston (UT Health)		4/1/2011-Present
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ACADEMIC APPOINTMENTS

Instructor of Pediatrics Division of Pulmonary Medicine University of Colorado Health Science Center Denver, Colorado	1994-1995
Assistant Professor of Pediatrics Division of Pediatric Pulmonary Medicine The University of Texas Medical School at Houston Houston, Texas	1995-2000
Associate Professor of Pediatrics Department of Pediatrics The University of Texas Medical School at Houston	2000-2003
Associate Professor with Tenure Department of Pediatrics The University of Texas Medical School at Houston	2003-2006
Professor with Tenure Department of Pediatrics The University of Texas Medical School at Houston	2006-Present

HOSPITAL APPOINTMENTS

Children's Hospital 1056 East 19 th Avenue Denver, Colorado 80218	1991-1996
National Jewish Medical and Research Center 1400 Jackson Street Denver, Colorado 80206	1991-1996
Children's Memorial Hermann Hospital 6411 Fannin St. Houston, Texas 77030	1995-Present
LBJ General Hospital 5656 Kelly St. Houston, Texas 77026	1997-Present
M.D. Anderson Cancer Center 1515 Holcombe Blvd. Houston, Texas 77030	1998-Present
Beacon Health, LTD.-Westchase (now HealthBridge) 2929 Woodland Park Dr. Houston, Texas 77082	2001-2007

St. Joseph's Hospital 1919 LaBranch St. Houston, Texas 77002		2000-2002
Chief of Pediatrics Children's Memorial Hermann Hospital 6411 Fannin St. Houston, Texas 77030		2005-present
Physician-In-Chief Children's Memorial Hermann Hospital 6411 Fannin St. Houston, Texas 77030		2006-present

LICENSURE

Italy		1985
Texas	#H9857	1991
Colorado	#31100	1991

CERTIFICATIONS

FMGEMS	#408-350-7	1987
Federal Licensing Examination		1991
American Board of Pediatrics Recertified	#46338	1991 2000
American Board of Pediatrics	#0477	1995
Subspecialty Board in Pediatric Pulmonology Recertified		2002, 2010

PROFESSIONAL ORGANIZATIONS

American Thoracic Society
European Respiratory Society
Society for Pediatric Research

Association of Medical School Pediatric Department Chairs, Inc.
Council of Deans/Association of American Medical Colleges
Harris County Medical Society
Texas Medical Association, Council on Medical Education
Association of American Medical Schools, Council of Deans

HONORS AND AWARDS

“G. D’Annunzio”, School of Medicine, Chieti, Italy M.D., <i>Summa Cum Laude</i>	1985
David W. Smith Trainee Award (Western Society for Pediatric Research)	1995
Deans’ Excellence Awards University of Texas Health Sciences Center	1996-1998
Basic Scientist Development Award, NIH (NHLBI-NIAID)	1999-2003
Member, Society for Pediatric Research	2001
Deans’ Excellence Awards University of Texas Health Sciences Center	2004-2005
Expert Panel Member (Active) Texas Medical Board Austin, TX	June 7, 2007
Facolta di Medicina e Chirurgia Award G. D’Annunzio” School of Medicine Chieti, Italy	January 29, 2008
Faculty Member, Alpha Omega Alpha, Houston Medical Society Houston, TX	February 28, 2008
International Association of Business Communicators /Houston’s Executive Communicator of the Year Award Houston, TX	April 24, 2008
Distinguished Alumnus Award University of Texas Medical Branch Galveston, TX	June 6/7, 2008

EDITORIAL POSITIONS (Ad Hoc Reviewer)

American Journal of Respiratory and Critical Care Medicine
American Journal of Physiology (Lung Cell Mol Physiology)
Journal of Applied Physiology
Pediatric Research
Pediatric Pulmonology
Pediatric Allergy and Immunology
Experimental Lung Research
The Journal of Respiratory Diseases
Thorax

SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS

Program Project Grant Review Committee Asthma Foundation of Western Australia	2000
Program Project Grant Review Committee NHLBI Host Responses to Viral Infections of the Airways	2002
Special Emphasis Panel Review Committee Disease Investigation through Specialized Clinically Oriented Ventures in Environmental Research (DISCOVER) NIH NIEHS P50 Grant Applications	2007

SERVICE ON THE UNIVERSITY OF TEXAS SYSTEM-AUSTIN COMMITTEES

Member, Advisory Search Committee for the Director of the Dell Pediatric Research Institute, The University of Texas at Austin	2006-Present
Member, University of Texas Medical Foundation Board	2007-Present

SERVICE ON THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER COMMITTEES

Member, Animal Welfare Committee	1997-2003
Member, Strategic Planning for the Research Enterprise	2000
Member, Scientific Advisory Committee	2002-Present
Chair, Clinical Compensation Committee	2006-Present
Vice Chairman, Clinical Operations Committee	2006-Present
Member, Medical Service Research and Development Plan (MSRDP) Board of Directors	2005-Present

Member, Medical Service Research and Development Plan (MSRDP) Budget and Finance Committee	2007-Present
Member, Group Practice Governance Group (GPGG)	2005-Present
Member, Group Practice Finance Group (GPFG)	2005-Present
Member, Administrative Council	2005-2007
Member, Group Practice Leadership Committee	2005-Present
Member, Group Practice Finance and Planning Committee	2005-Present
Member-At-Large, University of Texas Physicians Board of Directors	2005-Present
Member, CCTS Administrative Council	2006-Present
Member, University Appointments, Promotions, and Tenure Committee	2007-3/2011
Member, Audit Committee	2007-Present
Member, Business Continuity Group	2007-2009
Member, Center for Clinical and Translational Sciences	2007-Present
Member, University Leadership Council (formerly Executive Council)	2007-Present
Member, Institutional Compliance Committee	2007-Present
Co-Chair, Cooperative Institutional Planning Committee	2007-Present
Member, Strategic Planning Committee	2007-Present
Member, Executive Compliance Committee	2009-Present
Member, Search Committee for President, UTHSC-H	2007-2008
Member, Search Committee for EVP/Provost, UTHSC-H	2009-2010
Member, UT/Memorial Hermann Hospital Joint Management Committee	2009-Present
Member, Nominating Committee for Bulger Presidential Distinguished Lecture Series	2009-2011
Member, UT/Harris County Hospital District Leadership	2010-Present
Member, Institute for Molecular Medicine (IMM) Advisory Board	2010-Present
Member, Search Committee for Dental Branch Dean	2010-Present
Member, Student Fees Advisory Committee	2010-2011

Member, Health Care Reform Working Group	2010-Present
Member, Information Technology Governance Council	2010-Present

SERVICE ON THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON COMMITTEES

Member, Faculty Senate	2002-2003
Chair, Administrative Council	2007-Present
Co-Chair, Search Committee (Pediatric Gastroenterology Chair)	2001-2006
Co-Chair, Search Committee (Pediatric Critical Care)	2009
Co-Chair, Search Committee (Neonatology Chair)	2004-2007
Chair, Clinical Compensation Committee	2005-2007
Member, Search Committee (Ob-Gyn Chair)	2006-2007
Chair, Search Committee (Internal Medicine Chair)	2007-2009
Chair, AllScripts Steering Team Committee	2007-2008
Chair, Executive Group Practice Leadership Committee	2007-Present
Member, Group Practice Leadership Committee/ Group Practice Finance Group	2007-Present
Member, Advisory Council	2007-Present

**SERVICE ON THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON COMMITTEES -
DEPARTMENT OF PEDIATRIC COMMITTEES**

Director, Pediatric Pulmonary Research Fellowship Training Program	1997–2007
Member, Resident Review Committee	1999-Present
Promotions Committee Member Chairman	2000-2005 2005-Present
Member, Peer Review Committee Department of Pediatrics	2000-2005

Co-Chair, Research Committee	2000-2005
Executive Committee Member	2000-2005
Chair	2005-Present
Member, Pediatrics Billing Compliance Committee	2007-Present

SERVICE ON GRADUATE SCHOOL COMMITTEES

Member, Advisory Committee of Graduate Students	1997-2002
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SERVICE ON UTMSH-AFFILIATED HOSPITAL COMMITTEES

Director, Pulmonary and Asthma Center Memorial Hermann Children's Hospital (now Children's Memorial Hermann Hospital*)	1995-2009
Member, Reporting Line Memorial Hermann Children's Hospital*	1996-1999
Member, Performance Improvement Review Committee (PIRC) Memorial Hermann Children's Hospital*	2004-Present
Co-Chair, Pediatric MSQR Committee Memorial Hermann Children's Hospital*	2004-2010
Chief of Pediatrics Children's Memorial Hermann Hospital	2005-Present
Member, Pediatric Coordinating Council Children's Memorial Hermann Hospital	2005-Present
Member, Medical Executive Committee Memorial Hermann Hospital-TMC	2005-Present
UT Faculty Representative Children's Memorial Hermann Hospital	2006-2009
Member, Division Quality Committee Children's Memorial Hermann Hospital	2005-Present
Member, CMO Roundtable Children's Memorial Hermann Hospital	2005-Present
Member, Medical Information Committee Children's Memorial Hermann Hospital	2005-Present
Member, Children's Medical Director Committee	2005-Present

Children's Memorial Hermann Hospital	
Member, Children's Practice Operations Committee Children's Memorial Hermann Hospital	2005-Present
Member, Clinical Information Systems Practice Committee Memorial Hermann Health Network Providers	2005-Present
Member, Board of Directors Memorial Hermann Hospital System	2007-Present
UT Faculty Member, Medical Executive Committee (2 Year Term) Children's Memorial Hermann Hospital	2006-2009
Advisory Council Memorial Hermann Hospital	2008-Present
<i>Ex officio</i> Member, Credentialing Committee Memorial Hermann Hospital-TMC	11/2010-Present

SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREE

Jason Scott <i>A Novel Cellular Signaling Pathway Involved in Secretory Diarrhea</i>	1996-1999
Bruce Williams <i>Agonist-Induced Down-Regulation of the B₂ Adrenergic Receptor</i>	1996-1999
Zhong Hongyan <i>Adenosine Receptors and Mast Cell Function</i>	1999-2002

SPONSORSHIP OF POSTDOCTORAL FELLOWS

1. Andrew Gelfand, M.D. Current position: Pediatric Pulmonologist Private Practice, Dallas, Texas	1993-1996
2. Okan Elidemir, M.D. Current position: Assistant Professor Division of Pulmonary Medicine Texas Children's Hospital	1997-2000
<i>Awards:</i>	
a) <i>Baylor College of Medicine Fellowship Award 1998</i>	
b) <i>Baylor College of Medicine Fellowship Award 1999</i>	
c) <i>Southern Society for Pediatric Research, Trainee Travel Award 2000</i>	
d) <i>Society for Pediatric Research, Fellow Clinical Research Award 2000</i>	
3. Amir M. Khan, M.D.	1994-1998

Current position: Associate Professor, Division of Neonatology
Department of Pediatrics, UT Medical School at Houston

Awards:

a) *American Academy of Pediatrics, Young Investigator Award 1998*

b) *American Academy of Pediatrics, Trainee Travel Award 1997 and 1998*

4. Mutasim Abu-Hasan, M.D. 1996-1999
Current position: Pediatric Pulmonary Division Chief
University of Florida College of Medicine, Gainesville, Florida
5. Ibrahim Janahi, M.D., FAAP, FCCP, FRCPC 1997-2000
Current position: Associate Professor of Pediatrics,
Weill-Cornell Medical College-Qatar
6. Cynthia Epstein, M.D. 1998-2001
Current position: Assistant Professor, Division of Pulmonology
Eastern Virginia Medical School, Norfolk, Virginia

*Awards: Cystic Fibrosis Foundation (Lung Immune Response to
RSV in A Mouse Model of Cystic Fibrosis). 2000-2001: \$60,000.*
7. Amy McGregor, M.D. 1999-2001
Neurology Fellow, UT Medical School at Houston
Current position: Assistant Professor, Departments of Neurology
and Pediatrics, The University of Tennessee Health Science Center
Memphis, Tennessee
8. Tarak Patel, M.D. 2001-2004
Pulmonary Fellow.
Texas Children's Hospital
Current position: Pediatric pulmonologist, private practice
San Antonio, Texas
9. Jason Fullmer, M.D. 2001-2004
Pulmonary Fellow 2001-2004, Texas Children's Hospital
Current position: Pediatric pulmonologist, private practice,
Austin, Texas
10. Marc Schecter, M.D. 2002-2006
Pulmonary Fellow Department of Pediatrics,
UT Medical School at Houston
Current position: Assistant Professor, Baylor College of Medicine
11. Nathan Strobel, M.D. 2003-2005
Critical Care Fellow 2003-2005 Department of Pediatrics,
UT Medical School at Houston
Current position: Assistant Professor, UT Medical School at Houston
12. Ezequiel Salinas, M.D. 2005-2008
Critical Care Fellow, 2005-2008, Department of Pediatrics,

- UT Medical School at Houston,
Current position: Assistant Professor, UT Medical School at Houston
13. Christian Erikson, M.D. 2005-2008
Critical Care Fellow 2005-2008
Department of Pediatrics, UTHSCH
Current position: Assistant Professor, UT Medical School
 14. Theron McCormick, M.D. 2002-2003
Allergy/Immunology Fellow
Texas Children's Hospital
 15. Cindy Jon, M.D. 2004-2007
Current position: Staff Physician, Pediatric Pulmonary
and Sleep Medicine, Memorial Hermann Hospital (Southwest,
Texas Medical Center and The Woodlands Hospital)
 16. Alexandra Reverdin, M.D. 2006-2007
Current position: Pulmonary Fellow/Cheffe de Clinique FMH
Department of Pediatrics, Hôpital des Enfants, Genève Switzerland
 17. Derek A. Pepiak, M.D. 2007-2010
Current position: Assistant Professor of Clinical Pediatrics
Director, Pulmonary Division, Louisiana State University
Medical School, New Orleans, Louisiana
 18. Ricardo L. Mosquera, M.D. 2007-2010
Current position: Assistant Professor of Pediatrics and
Associate Director, Pediatric Pulmonary Medicine Fellowship
Department of Pediatrics, UTHSCH
 19. Pragya Rai, M.D. 2008-2011
Current position: Pulmonary Fellow
Department of Pediatrics, UTHSCH
 20. Azhar Latif, M.D. 2010-present
Current position: Pulmonary Fellow
Department of Pediatrics, UTHSCH

CURRENT TEACHING RESPONSIBILITIES

Curriculum Development Work

- Pulmonary Core Curriculum for Residents 1996-2009
Developed for the Department of Pediatrics
UTHealth Medical School

Pulmonary Research Curriculum for Fellows Developed for Pediatric Pulmonary Fellows UTHealth Medical School	1998-2009
Clinical Curriculum for Fellows Developed for Pediatric Pulmonary Fellows UTHealth Medical School	2004-2009
Clinical Curriculum for Fellows Developed for Fellows in Critical Care Medicine UTHealth Medical School	2004-2009

Non-Didactic Teaching

1. Resident Training

Attending, Pediatric Pulmonary Medicine Inpatient and consulting service Memorial Hermann Children's Hospital	8 months/ yr
Attending, Pediatric Intensive Care Unit Inpatient service Memorial Hermann Children's Hospital	6 months/ yr
Attending, Pediatric Pulmonary Medicine Consulting service MD Anderson Cancer Center	12 months/yr
Attending, Pediatric Pulmonary Medicine Consulting service HealthBridge Children Hospital	6 months/yr
Attending, Pediatric Pulmonary Medicine Consulting service LBJ General Hospital	6 months/yr
Attending, Pediatric Intensive Care Unit Inpatient and consulting service Memorial Hermann Children's Hospital	5 months/yr

2. Fellow Training

Director, Pediatric Pulmonary Research Texas Children's Hospital	1998-2002 12 months/yr
Director, ACGME accredited Fellowship Training Program Pediatric Pulmonary Medicine	2002-present 12 months/yr

UTHealth Medical School

Associate-Director, ACGME accredited Fellowship Program Pediatric Critical Care UTHealth Medical School	2004-present 12 months/yr
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PAST GRANT SUPPORT

Cystic Fibrosis Foundation	\$30,000	1991-1992
Cystic Fibrosis Foundation	\$30,000	1992-1993
Cystic Fibrosis Foundation (Colasurdo PI) <i>Neural control in inflamed airways</i>	\$45,000	1993-1994
Children's Miracle Network (Colasurdo PI) <i>RSV and Airway Epithelial Cell Biology</i>	\$15,000	1996-1997
Texas Biotechnology Corp. (Colasurdo PI) <i>Effect of selectin inhibitors on virus- and allergen-induced lung inflammation in animal models</i>	\$48,000	1996-1998
NIH-HLBI (Co-PI; PI: M. Blackburn) Type: RO1 <i>Adenosine Signaling and Predisposition to Lung Inflammation and Damage. The major objective of this project is to define the role of adenosine signaling during lung development as well as a role aberrant adenosine signaling plays in predisposing the lung to inflammation and damage.</i>	\$1,143,775	1998-2002
Children's Miracle Network (PI: Colasurdo) <i>Respiratory Science Center</i>	\$104,000	1999-2001
NIH-HLBI/AI (PI: Colasurdo) Type KO8 <i>RSV and Airway Epithelial Cell Signaling</i> <i>The major objectives of this project are to characterize the cellular mechanisms responsible for virus-induced alterations of airway functions as well as specific changes in signal transduction mechanisms within airway epithelial cells.</i>	\$647,784	1999-2004
Cystic Fibrosis Foundation (Mentor, Cynthia Epstein) <i>Lung immune response to RSV in the Mouse Model of Cystic Fibrosis. The major objectives of this work are to evaluate specific immunological responses to RSV infection in a mouse model of Cystic Fibrosis.</i>	\$60,000	2000-2001
Glaxo (Colasurdo PI) <i>Childhood Asthma: Clinical Preceptorship</i>	\$15,000	2000-2002
NIH-NIEHS (PI of subcontract: Colasurdo) Type: RO1 <i>Lung Immune Response to Complex Exposures</i> <i>The major objective of this project is to evaluate functional, morphological, cellular and humoral lung responses to particulate matter, ozone and allergens.</i>	\$1,712,825	2001-2005

Children's Miracle Network (PI: Colasurdo) <i>Respiratory Science Center</i>	\$120,000	2003-2005
Cystic Fibrosis Foundation (PI: Fullmer; Mentor: Colasurdo) <i>Immune Role of NO in Cystic Fibrosis</i>	\$110,000	2003-2005
NIH-NIEHS (PI: Colasurdo) Type R21 <i>SP-A Signaling and Age-dependent Vulnerability to PM</i> The major objectives of this project are to characterize the role of type II pneumocytes in the host response to pollutants and the molecular regulation of the epithelial-derived surfactant protein-A.	\$408,375	2004-2006
Children's Miracle Network (PI: Colasurdo) <i>Respiratory Science Center</i>	\$250,000	2005-2007
Texas Department of State Health Services (PI: Colasurdo, Chair of Pediatrics)	\$2,222,260	2006-2007
Children's Memorial Hermann Foundation (PI: Colasurdo) Centers of Excellence	\$450,000	2007-2008
Children's Miracle Network (PI: Colasurdo) Children's Research Centers	\$72,782	2006-2007

PUBLICATIONS

A. Abstracts

1. **Colasurdo GN**, Loader JE, Gelfand AS, Larsen GL: Effect of various contractile agents on nonadrenergic noncholinergic inhibitory responses in rabbit airways in vitro. *Am. J. Resp. Crit. Care Med.* 151(2):A108, 1995.
2. **Colasurdo GN**, Loader JE, Graves J, Gelfand AS, Larsen GL: Effects of human intravenous immunoglobulin on allergen-induced alterations of neural control mechanisms in rabbit airways. *Am. J. Resp. Crit. Care Med.* 151(2):A349, 1995.
3. **Colasurdo GN**, Gelfand AS, Loader JE, Larsen GL: Nonadrenergic noncholinergic inhibitory system in young and adult rabbits: effect of epithelium removal. *Am. J. Resp. Crit. Care Med.* 151(2):A438, 1995.
4. **Colasurdo GN**, Gelfand AS, Loader JE, Larsen GL: Nonadrenergic noncholinergic inhibitory system in young and adult rabbits: effect of epithelium removal. *Am. J. Resp. Crit. Care Med.* 151(2):A438, 1995.
5. **Colasurdo GN**, Hamming VG, Prince GA, Loader JE, Graves JP, Larsen GL: Effect of human respiratory syncytial virus on neural control mechanisms in cotton rat airways in vitro. *Am. J. Resp. Crit. Care Med.* 151(2):A774, 1995.

6. **Colasurdo GN**, Loader JE, Larsen GL: Vasoactive Intestinal Peptide modulates cholinergic neurotransmission in vitro in airways from normal but not allergen-challenged immune rabbits. *Am. J. Resp. Crit. Care Med.* 151(2):A818, 1995.
7. **Colasurdo GN**, Loader JE, Gelfand AS, Larsen GL: Effect of substance P-induced airway smooth muscle on nonadrenergic noncholinergic inhibitory responses in rabbit airways in vitro. *Am. J. Resp. Crit. Care Med.* 151(2):A107, 1995.
8. **Colasurdo GN**, Loader JE, Graves JP, Larsen GL: Effect of corticosteroids on nonadrenergic noncholinergic inhibitory responses in rabbit airways in vitro. *Am. J. Resp. Crit. Care Med.* 151(2):A819, 1995.
9. **Colasurdo GN**, Gelfand AS, Wisell JA, Loader JE, Larsen GL. Mechanism of neurokinin A-induced contraction of airway smooth muscle in normal and allergen-exposed immune rabbits. *Am. J. Resp. Crit. Care Med.* 153(2):A162, 1996.
10. Gelfand AS, Larsen GL, Fan LL, Loader JE and **Colasurdo GN**. Effects of recurrent milk aspiration on neural control mechanisms in rabbit airways in vitro. *Am. J. Resp. Crit. Care Med.* 153(2):A555, 1996.
11. **Colasurdo GN**, Hemming VG, Prince GA, Gelfand AS, Loader JE, Larsen GL. Human respiratory syncytial virus produces long-lasting alterations of airway function in developing ferrets. *Am. J. Resp. Crit. Care Med.* 153(2):A17, 1996.
12. **Colasurdo GN**, Wisell JA, Gelfand AS, Loader JE, Larsen GL. Effects of a selective phosphodiesterase IV inhibitor on the airways' nonadrenergic noncholinergic inhibitory system in young and mature rabbits. *Am. J. Resp. Crit. Care Med.* 153(2):A80, 1996.
13. **Colasurdo GN**, Kao YJ, Loader JE, Larsen GL. Developmental aspects of cholinergic neurotransmission in rabbit airways in vitro. *Am. J. Resp. Crit. Care Med.* 155(2):A379, 1997.
14. Khan AM, Shabarek FM and **Colasurdo GN**, Lally KP. Meconium stimulates production of thromboxanes from human alveolar epithelial cells. *Ped. Res.* 43:288A, 1998.
15. Khan AM, Shabarek FM, Lally KP and **Colasurdo GN**. Exposure to meconium increases nitric oxide release in human airway epithelial cells. *Ped. Res.* 43:288A, 1998.
16. Williams BR, Umar S, Scott JK, Morris AP, Kao YJ and **Colasurdo GN**. Effect of respiratory syncytial virus on the expression of protein kinase c isoforms in human lung epithelial cells. *Am. J. Respir. Crit. Care. Med.* 157(3):A289, 1998.
17. Scott JK, **Colasurdo GN**, Umar S, Kao YJ, Morris AP. Effect of respiratory syncytial virus on calcium mobilization in transformed human lung epithelial cells. *Am. J. Respir. Crit. Care Med.* 157(3):A289, 1998.
18. Kao YJ, Fan TL, Larsen GL, **Colasurdo GN**. Human respiratory syncytial virus increases nitric oxide production in A549 cells. *Am. J. Respir. Crit. Care. Med.* 157(3):A289, 1998.

19. **Colasurdo GN**, Fan TL, Jewell AM, Piedra PA, Larsen GL, Kao YJ. Effect of human respiratory syncytial virus on neutral endopeptidase activity in A549 cells. *Am. J. Respir. Crit. Care Med.* 157(3):A288, 1998.
20. Elidemir O, Fan LL and **Colasurdo GN**. A novel diagnostic method for pulmonary aspiration in a murine model. *Am. J. Respir. Crit. Care Med.* 159(3):A670, 1999.
21. Janahi I, Elidemir O, Abu-Hasan M, Shardonofsky F, Fan LL and **Colasurdo GN**. Airway mechanics in a murine model of recurrent milk aspiration. *Am. J. Respir. Crit. Care Med.* 159(3): A871, 1999.
22. Elidemir O, Abu-Hasan M, Janahi I, Fan LL and **Colasurdo GN**. Changes in lung cells and cytokines in a murine model of recurrent milk aspiration. *Am. J. Respir. Crit. Care Med.* 159(3): A453, 1999.
23. Abu-Hasan M, Shardonofsky F, Elidemir O, Janahi I and **Colasurdo GN**. Characteristics of airway mechanics in a murine model of RSV infection. *Am. J. Respir. Crit. Care Med.* 159(3): A432, 1999.
24. Elidemir O, **Colasurdo GN**, Shardonofsky F, Abu-Hasan M, Fan LL. Detection of lipid-laden macrophages in murine models of lung injury. *Am. J. Respir. Crit. Care Med.* 159(3): A70, 1999.
25. Kao Y, Piedra PA and **Colasurdo GN**. Modulation of nitric oxide production in human epithelial cells following RSV infection. *Am. J. Resp. Crit. Care Med.* 159(3): A153, 1999.
26. Elidemir O, Epstein CE, Fan LL, Kao J, Blackburn M and **Colasurdo GN**. Recurrent aspiration of milk produces experimental asthma in a murine model: increased serum Age, eosinophilic inflammation, cytokine imbalance and goblet cell hyperplasia. *Am. J. Respir. Crit. Care Med.* 161(3): A475, 2000.
27. Kao J, Elidemir O and **Colasurdo GN**. Effect of RSV infection on inducible nitric oxide synthase in the lungs of developing mice. *Am. J. Respir. Crit. Care Med.* 161(3): A349, 2000.
28. Abu-Hassan M, Paul S, Epstein CE, Shardonofsky F, Elidemir O and **Colasurdo GN**. Catalytic anti-VIP antibody produces airway dysfunction in a murine model in vivo. *Am. J. Respir. Crit. Care Med.* 161(3): A434, 2000.
29. Abu-Hassan M, Holian A, Gots TY, Epstein CE, Shardonofsky F, Elidemir O. and **Colasurdo GN**. Exposure to air particulate matter produces airway dysfunction and lung inflammation in a murine model in vivo. *Am. J. Respir. Crit. Care Med.* 161(3): A911, 2000.
30. Epstein CE, Elidemir O, **Colasurdo GN**, Fan LL. Time course of hemosiderin production by alveolar macrophages in a murine model. *Am. J. Respir. Crit. Care Med.* 161(3): A824, 2000.
31. Khan A, Elidemir O, Lally KP and **Colasurdo GN**. Meconium aspiration produces airway dysfunction and inflammatory changes in a murine model. *Pediatric Research* 47(4), pt.2: 364A, 2000.

32. Cua B, **Colasurdo GN**, Khan AM, Epstein CE, Fan LL, Elidemir O. Recurrent milk aspiration produces eosinophilic inflammation and cytokine imbalance in developing Balb/c mice. *American Journal of Respiratory and Critical Care Medicine* 163(5): A194, 2001.
33. Miller JL, **Colasurdo GN**, Fan LL, Epstein CE, Khan AM, Cua B, Elidemir O. Immunocytochemical detection of milk proteins in tracheal aspirates from ventilated infants: A new approach to the diagnosis of milk aspiration. *American Journal of Respiratory and Critical Care Medicine* 163(5): A654, 2001.
34. Epstein CE, Khan AM, Cua B, Elidemir O, and **Colasurdo GN**. Effects of respiratory syncytial virus on airway responsiveness in Balb/c mice. *American Journal of Respiratory and Critical Care Medicine* 163(5): A552, 2001.
35. Elidemir O, Epstein CE, Khan AM, Cua B, Miller JL and **Colasurdo GN**. Respiratory syncytial virus produces airway hyperresponsiveness in developing Balb/c mice. *American Journal of Respiratory and Critical Care Medicine* 163(5): A550, 2001.
36. Khan AM, Elidemir O, Epstein C, Cua B, Lally KP, Larsen GL and **Colasurdo GN**. Meconium aspiration produces airway dysfunction, eosinophilic inflammation and remodeling in murine models. *Pediatric Research* 49(4), pt.2: 271A, 2001.
37. Elidemir O, Epstein C, Khan AM, Cua B and **Colasurdo GN**. Developmental aspects of airway responsiveness in the mouse model of RSV infection. *Pediatric Research* 49(4), pt.2: 462A, 2001.
38. **Colasurdo GN**, Elidemir O, Khan AM, Martinez FD, Larsen GL. Cysteinyl leukotriens and airway hyperresponsiveness in the mouse model of RSV infection. *RSV after 45 Years, Segovia, Spain, October 2001*.
39. **Colasurdo GN**, Elidemir O, Khan AM, Epstein C, Martinez FD, Larsen GL. Functional and immune interactions between RSV infection and allergen sensitization. *RSV after 45 Years, Segovia, Spain, October 2001*.
40. **Colasurdo GN**, Larsen GL, Elidemir O, Khan AM, Kao YJ. Effects of RSV infection on nitric oxide synthase isoforms in murine lungs. *RSV after 45 Years, Segovia, Spain, October 2001*.
41. Khan AM, Larsen GL, Blackburn MR, Gololobov GL, Elidemir O, Alcorn JA and **Colasurdo GN**. Meconium aspiration enhances allergen induced airway hyperresponsiveness in a murine model. *Am J Respir Crit Care Med* 165: A644 2002.
42. Khan AM, Elidemir O, Chiappetta CL, Xue H, Lally KP, Alcorn JA and **Colasurdo GN**. Meconium aspiration enhances allergen induced airway hyperresponsiveness in a murine model. *Am J Respir Crit Care Med* 165: A644 2002.
43. Elidemir O, Larsen GL, Khan AM, Cua B, Fullmer JJ, Martinez FD and **Colasurdo GN**. Cysteinyl leukoterines and airway hyperresponsiveness in the mouse model of RSV infection. *Am J Respir Crit Care Med* 165: A477 2002.

44. Fullmer JJ, Khan AM, Xue H, Elidemir O, Gololobov G, Blackburn MR, Larsen GL and **Colasurdo GN**. Lung immune response to lipopolysaccharide in developing mice. *Am J Respir Crit Care Med* 165: A689 2002.
45. Elidemir O, Larsen GL, Khan AM, Cua B, Epstein CE, Alcorn JA and **Colasurdo GN**. Functional and immune interactions between RSV infection and allergen sensitization in developing mice. *Am J Respir Crit Care Med* 165: A803 2002.
46. Khan AM, Fullmer JJ, Elidemir O, Cua B, Xue Hassan, Larsen GL and **Colasurdo GN**. Functional and immune response to lipopolysacchride and allergens in developing mice. *Pediatr Res* 51: 474A, 2002.
47. Khan AM, Elidemir O, Xue H, Alcorn JL, Larsen GL and **Colasurdo GN**. Meconium aspiration produces airway hyperresponsiveness and enhances allergen induced changes of airway function in a Murine model. *Pediatr Res*. 51: 398A, 2002.
48. Elidemir O, Khan AM, Cua B Alcorn JL, Larsen GL and **Colasurdo GN**. RSV infection and allergen sensitization in developing mice: Functional and Immune Interactions. *Pediatr Res* 51: 14A, 2002.
49. Alcorn JL, Chiappetta CL, Jenkins, G, Piedra P, Jewell A, **Colasurdo GN**. Effect of RSV Infection on Surfactant Protein-A Abundance in Human Type II Pneumocytes in Primary Culture. *Am J Respir Crit Care Med* 167(7): A382 2003.
50. Al-Salmi QA, **Colasurdo GN**, Sockrider MM, Fan LL. Serum Pneumoproteins Levels are Elevated in Children with Interstitial Lung Disease, Cystic Fibrosis and Acute Chest Syndrome. *Am J Respir Crit Care Med* 167(7): A388, 2003.
51. Chiappetta CL, Alcorn JL, Jenkins G, Khan AM, Holian A, **Colasurdo GN**. Effect of Airborne Particulate Matter on Surfactant Protein A Homeostasis in Human Type II Pneumocytes in Primary Culture. *Am J Respir Crit Care Med* 167(7): A285, 2003.
52. Elidemir O, Khan, AM, Fullmer JJ, Xue H, Piedra PA, Jewell A, and **Colasurdo GN**. Lung Immune Response to Respiratory Syncytial Virus in a Murine Model of Cystic Fibrosis. *Am J Respir Crit Care Med* 167(7): A924, 2003.
53. Fullmer JJ, Chiappetta CL, Alcorn JL, Xue H, Morandi M, Holian A, **Colasurdo GN**. Age-Dependent Effects of Airborne Pollutants on Surfactant Protein-A Homeostasis. *Am J Respir Crit Care Med* 167(7): A287 2003.
54. Larsen GL, Loader JE, Nguyen DD, Dakhama A, **Colasurdo GN**. Mechanisms Determining Cholinergic Responsiveness in Airways of Young and Mature Rabbits. *Am J Respir Crit Care Med* 167(7): A43 2003.
55. McCormick T, Khan AM, Chiappetta C, Xue H, Elidemir O, **Colasurdo GN**. Functional and Immune Role of Nitric Oxide in a Murine Model of RSV Infection. *Am J Respir Crit Care Med* 167(7): A722, 2003.
56. Patel T, Khan AM, Chiappetta CL, Elidemir O, Xue H, Morandi M, Holian A, and **Colasurdo GN**. Functional and Immune Response to particulate matter in Developing Mice. *American Journal of Respiratory and Critical Care Medicine* 167(7): A108, 2003.

57. Stark JM and **Colasurdo GN**. Early alterations in innate cellular lung defenses following RSV lung infection: effects on the alveolar macrophage. RSV 2003, Atlanta GA Nov 8-11.
58. Stark JM, Alcorn JL, Chiappetta CL, Jenkins G, Piedra P, and **Colasurdo GN**. Surfactant protein A (SP-A) production by primary cultures of human type II pneumocytes following RSV infection. RSV 2003, Atlanta GA Nov 8-11.
59. **Colasurdo GN**, Khan AM, Chiappetta CL and Stark JM. RSV produces persistent airway dysfunction in BALB/c mice following infection in early life. Am J Respir Crit Care Med 2004; 169: A501.
60. Stark JM, Chiappetta CL, Alcorn JL, **Colasurdo GN**. Early alterations in innate cellular lung defenses following RSV lung infection. Am J Respir Crit Care Med 2004; 169: A715.
61. Stark JM, Khan AM, Stark MA, Chiappetta CL, Greene TN, **Colasurdo GN**. RSV infection in the CFTR knockout mouse increase susceptibility to superinfection with *Pseudomonas aeruginosa*. Accepted for presentation, 2004 North American Cystic Fibrosis Meeting, St. Louis MO, October 2004.
62. Fullmer JJ, Elidemir O, Khan AM, **Colasurdo GN**, Stark JM. Aberrant response to RSV in a murine model of Cystic Fibrosis- is Nitric Oxide responsible for the increased susceptibility to respiratory pathogens. Accepted for presentation, 2004 North American Cystic Fibrosis Meeting, St. Louis MO, October 2004.
63. Khan AM, Stark JM Chiappetta CL **Colasurdo GN**. Post-Natal Exposures to RSV and Airborne Particulate Matter Protect Against the Development of Allergic Responses *Pediatr Res*, 55:335A, 2004.
64. **Colasurdo GN**, Khan AM, Chiappetta CL and Stark JM. RSV produces persistent airway dysfunction in BALB/c mice following infection in early life. Am J Respir Crit Care Med 2004; 169: A501.
65. Larsen GL, Loader JE, Fratelli C, Dakhama A, **Colasurdo GN**. Phosphodiesterase IV and neutral endopeptidase within airways from normal and allergen sensitized rabbits. Am J Respir Crit Care Med 2004; 169: A64.
66. Stark JM, Chiappetta CL, Alcorn JL, **Colasurdo GN**. Early alterations in innate cellular lung defenses following RSV lung infection. Am J Respir Crit Care Med 2004; 169: A715.
67. Stark JM, Khan AM, Stark MA, Chiappetta CL, Greene TN, **Colasurdo GN**. RSV infection in the CFTR knockout mouse increase susceptibility to superinfection with *Pseudomonas aeruginosa*. Accepted for presentation, 2004 North American Cystic Fibrosis Meeting, St. Louis MO, October 2004.
68. Stark JM, Larsen GL, Khan, AM, Atkins CL, Xue H, Stark MA, **Colasurdo GN**. Airway and Immune Responses to Primary Respiratory Syncytial Virus Infection in Mouse Pups with Different Genetic Backgrounds: Persistent Airway Obstruction without Alterations in Th1/Th2 Cytokines. Am J. Respir Crit Care Med 2005, Vol 2, A602.
69. Larsen GL, Loader JE, Fratelli C, Kang JB, Dakhama A, **Colasurdo GN**. Modulation of Airway Responses by Prostaglandins in Young and Adult Rabbits. Am J. Respir Crit Care Med 2005, Vol 2, A465.

70. **Colasurdo GN**, Khan AM, Atkins CL, Xue H, Stark MA, Stark JM. Age-Specific Effects of RSV Infection on Airway Function, Viral Clearance and NO Production in Mice: Significant Differences in Very Young and Elderly Mice. *Am J. Respir Crit Care Med* 2005, Vol 2, A603.
71. Lawson JK, Khan AM, Atkins CL, Stark JM, **Colasurdo GN**. Timing of Exposure to Endotoxin Determines the Protecting or Exacerbating Effect on Allergic Response. *Am J. Respir Crit Care Med* 2005, Vol 2, A694.
72. Khan AM, Atkins CL, Xue H, Holian A, Stark JM, **Colasurdo GN**. SP-A depletion enhances Particulate Matter (PM)-induced changes in airway responsiveness and inflammation in mice. *Pediatr Res*, 57:2384, 2005.
73. Schechter MG, Morandi M, Holian A, Khan AM, Atkins CL, Jon CK, Stark JM, **Colasurdo GN**. Functional and Cellular Response to LPS and Particulate Matter (PM-1648, PM-Hou) in Developing Mice. *Proceedings of the American Thoracic Society* 2006:A553.
74. Jon C, Stark JM, Khan AM, Alcorn JL, Atkins BS, Xue H, Schechter MG, Larsen GL, **Colasurdo GN**. Genetic susceptibility to RSV Infection in Inbred Mouse Pups: Important role of SP-A. *Proc Am Thoracic Society* 2006, 3:A411.
75. Shah BS, Khan AM, Atkins CL, Schechter MG, Jon CK, **Colasurdo GN**, Stark JM. Age Dependent Differences in Disease Severity and Inflammatory Responses to RSV Infection in Young and Aged Mice. *Proceedings of the American Thoracic Society* 2006:A781.
76. Stark JM, Jon CK, Khan AM, Atkins CL, Stark MA, Xue H, Larsen GL, **Colasurdo GN**. Effect of Genetic Background and Age on Airway Hyperresponsiveness Following RSV Infection. *Proceedings of the American Thoracic Society* 2006:A412.
77. Schechter MG, Morandi MT, Holian A, Atkins CL, Das S, Jon CK, Reverdin AK, **Colasurdo GN**, Khan AM. Determinants of Altered Airway Function after Repeated Exposure to Particulate Matter in Mouse Pups. *Am J Respir Crit Care Med* 2007, 175:A463.
78. Reverdin AK, Stark JM, Khan AM, Atkins CL, Jon CK, Larsen GL, **Colasurdo GN**. Susceptibility to RSV Infection and Persistent Airway Dysfunction in Inbred Mouse Pups: Influence of Genetic Background and Host Response. *Am J Respir Crit Care Med* 2007, 175:A697.
79. Reverdin AK, Khan AM, Das S, Atkins CL, Jon CK, **Colasurdo GN**. Determinant of Disease Severity after RSV Infection in Young and Aged Mice. *Am J Respir Crit Care Med* 2007, 175:A760.
80. Alcorn JL, Atkins CL, Khan AM, Stark JM, **Colasurdo GN**. Regulation of Surfactant Protein-A (SP-A) Protein in Human Lung Epithelial Cells after Infection with Respiratory Syncytial Virus. *Am J Respir Crit Care Med* 2007, 175:A889.
81. Jon JK, Stark JM, Khan AM, Alcorn JL, Atkins CL, Schechter MG, **Colasurdo GN**. Genetic Susceptibility to RSV in Inbred Mouse Pups: Role of Leukotriene Signaling. *Am J Respir Crit Care Med* 2007, 175:A919.

82. Larsen GL, Loader JE, Fratelli C, Kang JB, Dakhama A, **Colasurdo GN**. Modulation of airway responses by prostaglandins in young and fully grown rabbits. *Am J Physiol Lung Cell Mol Physiol*. 2007 Jul;293(1):L239-44. Epub 2007 May 4.
83. Khan AM, Atkins CL, Xue H, Holian A, Stark JM, **Colasurdo GN**. SP-A Depletion Enhances Particulate Matter (PM)-Induced Changes in Airway Responsiveness and Inflammation in Mice *PAS* 57: 2384, 2005
84. Schechter MG, Morandi M, Holian A, Khan AM, Atkins CL, Jon CK, Stark JM, **Colasurdo GN**. Functional and Cellular Response to Lipopolysaccharide and Particulate Matter (PM-1648 and PM-Hou) in Developing Mice. *Proc Am Thoracic Soc* 2006; 3: A 553.
85. Reverdin AK, Stark JM, Khan AM, Atkins CL, Jon CK, Larsen GL, **Colasurdo GN**. Susceptibility to RSV Infection and Persistent Airway Dysfunction in Inbred Mouse Pups: Influence of Genetic Background and Host Response. *Am J Respir Crit Care Med* 175: A697, 2007.
86. Jon CK, Stark JM, Khan AM, Alcorn JL, Atkins BS, Xue H, Schechter MG, Larsen GL, **Colasurdo GN**. Genetic susceptibility to RSV Infection in Inbred Mouse Pups: Important role of SP-A. *Proc Am Thoracic Soc* 2006; 3: A411.
87. Reverdin AK, Khan AM, Das S, Atkins CL, Jon CK, **Colasurdo GN**, Alcorn JL, Stark JM. Determinant of Disease Severity after RSV Infection in Young and Aged Mice. *Am J Respir Crit Care Med* 2007, 175: A760.
88. Alcorn JL, Atkins CL, Khan AM, Stark JM, **Colasurdo GN**. Regulation of Surfactant Protein-A (SP-A) Protein in Human Lung Epithelial Cells after Infection by Respiratory Syncytial Virus (RSV) *Am J Respir Crit Care Med* 175: A889, 2007.
89. Pepiak DL, Atkins CL, Mosquera RA, Jon C, Pacheco SE, Bruce SR, Khan AM, **Colasurdo GN**, Alcorn JL. Age-Dependent Respiratory Illness and Surfactant Protein-A (SP-A) Homeostasis in the Mouse Model of RSV Infection. American Thoracic Society 2009, San Diego, CA, May 2009.
90. Mosquera RA, Khan AM, Atkins CL, Pepiak DL, Smith KG, Jon C, **Colasurdo GN**, Pacheco SE. Functional and Immune Response to RSV Infection in Aged BALB/c Mice: a Search for Genes Determining Disease Severity. American Thoracic Society 2009, San Diego, CA, May 2009.
91. Pepiak DL, Alcorn JL, Atkins CL, **Colasurdo GN**, Khan AM. Effects of milk exposure on lung function in a murine model aspiration. *PAS 2009 Baltimore, Pediatric Academic Societies Annual Meeting*, May 2-5, 2009.
92. Mosquera RA, Reverdin A, Rai P, Pepiak DL, Fan LL, Smith KG, Khan AM, Pacheco SE, **Colasurdo GN**, Jon C. Pulmonary function test decline in patients with post-infectious bronchiolitis obliterans despite treatment. American Thoracic Society 2010, New Orleans LA, May 2010.
93. Pepiak, DL, Alcorn JL, Atkins CL, **Colasurdo GN**, Khan AM. Effects of Milk Exposure on Cytokine Levels in an In Vivo and In Vitro Model of Milk Aspiration. 2010 Southern Society of Pediatric Research Regional Meeting and the 2010 American Thoracic Society

International Conference, New Orleans, Louisiana.

94. Pepiak DL, Alcorn JL, Atkins CL, **Colasurdo GN**, Khan AM. Effects of Milk Exposure on Lung Function in a Murine Model of Milk Aspiration. 2009 Pediatric Academic Societies Annual Meeting, Baltimore, Maryland.
95. Pepiak DL, Alcorn JL, Atkins CL, **Colasurdo GN**, Khan AM. Effects of Milk Exposure on Cytokine Levels in an In Vivo and In Vitro Model of Milk Aspiration. 2010 Southern Society of Pediatric Research Regional Meeting and the 2010 American Thoracic Society International Conference, New Orleans, Louisiana.

B. Refereed Original Articles in Journals

1. De Benedetto F, Cervone M, **Colasurdo GN**, De Matthaëis G, and Sensi S: Day/Night variations of airway reactivity after drug premedication. *Respiration* 50:186-191, 1986.
2. De Benedetto F, **Colasurdo GN**, Cervone M, Curci S, and De Matthaëis G: Follow-up of the cardiopulmonary function in 102 patients with bronchial carcinoma. *Rassegna di Medicina Sperimentale (Italian Review of Experimental Medicine)*, XXXIV(2):75-81, 1986.
3. Fame TM, **Colasurdo GN**, Loader JE, Graves JP, and Larsen GL: Decrease in the airways' nonadrenergic noncholinergic inhibitory system in allergen sensitized rabbits. *Pediatr. Pulmonol.* 17:296-303, 1994.
4. Fame TM, **Colasurdo GN**, Loader JE, Graves JP, and Larsen GL: Decrease in the airways' nonadrenergic noncholinergic inhibitory system in allergen sensitized rabbits. *Pediatr. Pulmonol.* 17:296-303, 1994.
5. **Colasurdo GN**, Loader JE, Graves JP, and Larsen GL: Maturation of the nonadrenergic noncholinergic inhibitory system in normal and allergen sensitized rabbits. *Am. J. Physiol. (Lung Cell. Mol. Physiol. 11)* 267:L739-L744, 1995.
6. **Colasurdo GN**, Loader JE, Graves JP, and Larsen GL: Modulation of acetylcholine release in rabbit airways in vitro. *Am. J. Physiol. (Lung Cell. Mol. Physiol. 12)* 268:L432-L437, 1995.
7. **Colasurdo GN**, Loader JE, Graves JP, and Larsen GL. Substance P-induced contraction of airway smooth muscle in young and adult rabbits: effects of epithelium removal and neutral endopeptidase inhibition. *Chest* 107(3): 126, 1995.
8. **Colasurdo GN**, Loader JE, Graves JP, and Larsen GL: Substance P-induced contraction of airway smooth muscle in normal and allergen-sensitized rabbits: mechanisms of action. *J. Appl. Physiol.* 78:428-432, 1995.
9. **Colasurdo GN**, Hemming VG, Prince GA, Loader JE, Graves JP, and Larsen GL: Effect of human respiratory syncytial virus on nonadrenergic noncholinergic inhibition in cotton rat airways in vitro. *Am. J. Physiol. (Lung Cell. Mol. Physiol. 12)* 268:L1006-L1011, 1996.
10. Gelfand AS, Larsen GL, Loader JE, Graves JP, Fan LL, and **Colasurdo GN**. Effects of milk aspiration on the airways' neural control in developing rabbits. *Ped. Pulmonol.* 23:198-204, 1997.

11. **Colasurdo GN**, Hemming VG, Prince GA, Gelfand AS, Loader JE, and Larsen GL. Human respiratory syncytial virus produces prolonged alterations of neural control in airways of developing ferrets. *Am. J. Respir. Crit. Care Med.* 157:1506-1511, 1998.
12. **Colasurdo GN** and Larsen GL. Neural control mechanisms within airways: disruption by respiratory syncytial virus. *J. Pediatr.* 135(2): S21-S27, 1999.
13. Elidemir O, **Colasurdo GN**, Rossman SN, and Fan LL. Isolation of Stachybotris from the lung of a child with pulmonary hemosiderosis. *Pediatrics*, 104:964-966, 1999.
14. Elidemir O, Fan LL, and **Colasurdo GN**. A novel diagnostic method for the pulmonary aspiration in a murine model: immunocytochemical staining of milk proteins in alveolar macrophages. *Am. J. Resp. Crit. Care Med.* 161:622-626, 2000.
15. Janahi I, Elidemir O, Abu-Hassan M, Shardonofsky F, Fan LL, and **Colasurdo GN**. Recurrent milk aspiration produces changes in airway mechanics, lung eosinophilia, and goblet cell hyperplasia in a murine model. *Ped. Res.* 48(6): 1-6, 2000.
16. Kao YJ, Piedra PA, Larsen GL and **Colasurdo GN**. Induction and regulation of nitric oxide synthase in airway epithelial cells by respiratory syncytial virus. *Am. J. Resp. Crit. Care Med.* 162(4), 2001.
17. Mazur LJ, DeYbarrondo L, Miller J and **Colasurdo GN**. Use of alternative and complementary therapies in pediatric asthma. *Texas Medicine* 64-68, 2001.
18. Epstein CE, Elidemir O, **Colasurdo GN** and Fan LL. Time course of hemosiderin production by alveolar macrophages in a murine model. *Chest* 120(6):2013-2020, 2001.
19. Chunn JL, Young HWJ, Banerjee SK, **Colasurdo GN**, Blackburn MR. Adenosine-dependent airway hyperresponsiveness in partially adenosine deaminase-deficient mice. *J. Immunol.* 167(8):4676-4685, 2001.
20. Khan AM, Lally KP and **Colasurdo GN**. Meconium enhances the release of nitric oxide in human airway epithelial cells. *Biol. Neonate* 81:99-104, 2002.
21. Khan AM, Lally KP and **Colasurdo GN**. Enhanced release of thromboxane A₂ after exposure to meconium in human airway epithelial cells. *Ped. Pulmonol.* 33:111-116, 2002.
22. Berisha HI, Bratut M, Bangale Y, **Colasurdo GN**, Paul S and Said SI. New evidence for transmitter role of VIP in the airways: impaired relaxation by a catalytic antibody. *Pulm Pharmacol Therap.* 15(2):121-127, 2002.
23. Cochran JR, Khan AM, Elidemir O, Xue H, Cua B, Larsen GL and **Colasurdo GN**. Influence of lipopolysaccharide exposure on airway function and allergic responses in developing mice. *Ped. Pulmonol.*, Oct;34(4):267-277, 2002.
24. Khan AM, Elidemir O, Lally KP, Xue H, Blackburn M, Larsen GL and **Colasurdo GN**. Meconium aspiration produces airway hyperresponsiveness and eosinophilic inflammation in a murine. *Am. J. Physiology (Lung Cell Mol. Physiol.)*, Oct;283 (4):L785-790, 2003

25. Miller J, **Colasurdo GN**, Khan AM, Jajoo C, Patel TJ, Fan LL, and Elidemir O. Immunocytochemical detection of milk proteins in tracheal aspirates of ventilated infants. *Ped Pulmonol*, 34(5):369-374, 2003.
26. Larsen GL, Loader J, Nguyen DD, Fratelli C, Dakhama A and **Colasurdo GN**. Mechanisms determining cholinergic neural responses in airways of young and mature rabbits. *Ped Pulmonol*. 38(2):97-106, 2004.
27. Archer AJ, Cramton JL, Pfau JC, **Colasurdo GN** and Holian A. Airway responsiveness after acute exposure to urban particulate matter 1648 in a DO11.10 murine model. *Am J Physiol Lung Cell Mol Physiol*. 286(2):L337-43, 2004.
28. Al-Salmi QA, Walter JN, **Colasurdo GN**, Soxkrider MM, Smith EO, Takahashi H and Fan LL. Serum KL-6 and surfactant proteins A and D in pediatric lung disease. *Chest*. Jan;127(1):403-407, 2005.
29. Stark JM, Khan AM, Chiappetta C, Xue H, Alcorn JL, and **Colasurdo GN**. Immune and functional role of nitric oxide in the mouse model of respiratory Syncytial virus infection. *J Infect Dis* Feb 1;191(3):387-395, 2005.
30. Fullmer JJ, Khan AM, Elidemir O, Chiappetta C, Stark JM and **Colasurdo GN**. Role of cysteinyl leukotrienes in airway inflammation and responsiveness following RSV infection in BALB/c mice. *Ped Allergy Immunol* 16:593-601, 2005.
31. Alcorn JL, Stark JM, Chiappetta C, Jenkins G and **Colasurdo GN**. Effects of RSV infection on pulmonary surfactant protein (SP-A) in cultured human type II cells: contrasting consequences on SP-A mRNA and protein. *Am J Physiol Lung Cell Mol Physiol* 289(6): L1113-22, 2005.
32. Collins RA, Gualano RC, Zosky GR, Chiapetta CL, Turner DJ, **Colasurdo GN**. Hyperresponsiveness to inhaled but not intravenous methacholine during acute respiratory syncytial virus infection in mice. *Respir Res* Dec 5; 6(1):142, 2005.
33. Larsen GL, Loader J, Fratelli C, Brian Kang JK, Dakhama A and **Colasurdo GN**. Phosphodiesterase IV and neutral endopeptidase in airways from developing and allergen sensitized rabbits. *Pulm Pharmacol Ther* 19(5):335-42; 2006.
34. Stark JM, Stark MA, **Colasurdo GN**, LeVine AM. Decreased pulmonary clearance of streptococcus pneumoniae following respiratory syncytial virus infection in mice. *J Med Virol* 78(6):829-38, 2006
35. **Colasurdo GN**, Fullmer JJ, Elidemir O, Atkins C, Khan AM, Stark JM: Respiratory syncytial virus infection in a murine model of cystic fibrosis. *J Med Virol* 78(5):651-658, 2006.
36. Castro SM, Guerrero-Plata A, Suarez-Real G, Adegboyega PA, **Colasurdo GN** et al. Antioxidant treatment ameliorates respiratory syncytial virus-induced disease and lung inflammation. *Am J Respir Crit Care Med*, Epub 2006 Sep 28.
37. Zhou W, Hashimoto K, Moore ML, Elias JA, Zhu Z, Durbin J, **Colasurdo G**, et al. IL-13 is associated with reduced illness and replication in primary respiratory syncytial virus infection in the mouse. *Microbes Infect* 2006 Nov-Dec;8(14-15):2880-9. Epub 2006 Oct. 24.

38. Collins RA, Gualano RC, Zosky GR, Chiappetta CL, Turner DJ, **Colasurdo GN**, et al. Lack of long-term effects of respiratory syncytial virus infection on airway function in mice. *Respir Physiol Neurobiol*, 2007 June 15;156(3):345-52. Epub 2006 Nov 30.
39. Larsen GL, Loader J, Fratelli C, Dakkama A, **Colasurdo GN**. Developmental regulation of neutral endopeptidase and airway smooth muscle tone in normal and allergen sensitized rabbits. *Respir Physiol Neurobiol*. 2007 Jun 15;156(3):345-52. Epub 2006 Nov 30.
40. Larsen GL, Loader J., Fratelli C, Kang JK, Dakhama A, **Colasurdo GN**, Modulation of airway responses by prostaglandins in young and fully grown rabbits. *Am J Physiol Lung Cell Mol Physiol*. 2007 Jul;293(1):L239-44. Epub 2007 May 4.
41. Bruce SR, Atkins CL, Colasurdo GN, Alcorn J. Respiratory syncytial virus infection alters surfactant protein A expression in human in human pulmonary epithelial cells by reducing translation efficiency. 2009 Oct;297(4);L559-67 Epub 2009 Jun 12
42. Pepiak DL, Alcorn JL, Atkins CL, Xue H, **Colasurdo GN**, and Khan AM. Effects of Infant Formula on Cell Homeostasis and Cytokine Levels in an In Vivo and In Vitro Murine Aspiration Model. Accepted for publication in *Pediatric Pulmonology* (Publication pending).

C. Invited Articles and Chapters

1. **Colasurdo GN** and Larsen GL. Airway Hyperresponsiveness. In "*Asthma and Rhinitis*". WW Busse and ST Holgate. Eds. Blackwell Science, 1044-1056, 1994.
2. Elidemir O, **Colasurdo GN**, and Fan LL. Acute asthma in children. In: *Acute Asthma - Assessment and Management*. Eds. McGraw-Hill, 257-277, 2001.
3. Larsen GL and **Colasurdo GN**: Animal Models of Asthma: *The Lung Scientific Foundation*. Second Edition. RG Crystal, JB West, ER Weibel, PJ Barnes. Raven Press, New York, 1315-1331, 1997.
4. **Colasurdo GN** and Larsen GL: Airway Hyperresponsiveness. In "*Asthma and Rhinitis*". WW Busse and ST Holgate. Eds. Blackwell Science, 1248-1260, 2001.
5. Larsen LL and **Colasurdo GN**. Assessment and treatment of acute asthma in children and adolescents. In: *Textbook of Pediatric Asthma – An International Perspective*. CK Naspitz, SJ Szeffler, DG Tinkelman, JO Warner. Eds: Martin Dunitz Ltd, London, UK, 189-210, 2001.
6. Stark JM and **Colasurdo GN**. Lung Defenses. In: Wilmott WW, Boat TF, Chernick V, Eds. *Disorders of the Respiratory Tract in Children*, 7th Edition. WB Saunders Co, Philadelphia, PA. 2006.

D. Other

1. Makimoto A, Pearson MG, Jaffe N and **Colasurdo GN**. Eosinophilic pneumonia in an infant. *Med. Pediatr Oncol*. 38:75-76, 2002.
2. **Colasurdo GN** and Fan LL. Hypersensitivity pneumonitis in children. In: *Up-to-date in Pulmonary and Critical Care Medicine/American Thoracic Society*, 2001.

3. **Colasurdo GN** and Fan LL. Hypersensitivity pneumonitis in children. In: Up-to-date in Pulmonary and Critical Care Medicine/American Thoracic Society, 2002.