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CURRICULUM VITAE

Name: Andrew Robert Amiel Colin, M.D.

Address: University of Miami
Batchelor Children's Research Institute
Department of Pediatrics
Division of Pediatric Pulmonology
1580 NW 10th Avenue, 1st Floor (D-820)
Miami, FL 33136

Current Academic Rank: Batchelor Family Professor of Cystic Fibrosis
and Pediatric Pulmonology
Department of Pediatrics
Miller School of Medicine
University of Miami

Citizenship: US

Languages: English, Hebrew, Italian, Hungarian

II. HIGHER EDUCATION

1967-70 Faculty of Medicine, University of Bologna, Bologna, Italy
1970-73 Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, Israel
1976 M.D. Technion-Israel Institute of Technology, Haifa, Israel

Postdoctoral Training:

1973-74 Rotating Internship, Rambam Medical Center, Haifa
1975-81 Pediatric Residency (including one year of Chief Residency), Haifa Medical Center
(Rothschild), Haifa
1977 Medical Officers Course, Israel Medical Corps.
1977 (6 mo) Fellow in Intensive Care, Rambam Medical Center, Haifa (Mentor: Professor Simon
Bursztein)
1980 (6 mo) Fellow in Pediatric Respiratory Diseases and Pediatric Intensive Care, Hadassah
Medical Center, Jerusalem (Mentor: Professor Simon Godfrey)
1984-86 Fellow in Pediatric Pulmonology, Children's Hospital, Boston (Mentors: Mary Ellen
Wohl, M.D., & Jere Mead, M.D. Research under SCOR Grant of Mary Ellen Avery,
M.D.)
1988 (1 mo) Fellow in Bronchial Diseases, incl. Bronchoscopy course, Szabadsaghegyi Children's
Institute, Budapest, Hungary. (Mentor: Edgar Szekelyi, M.D.)

Licensure and Certification:

1973	Israel Physician License
1975	Examination Committee for Foreign Medical Graduates (ECFMG)
1981	Diplomate Israel Board of Pediatrics
1983	Canadian Qualifying Examination
1984	Foreign Medical Graduates Examination of Medical Sciences (FMGEMS)
1985	Federal Licensing Examination (FLEX)
1985	Illinois State License
1988	Massachusetts State License
1994	Diplomate Israel Board of Pediatric Pulmonology
1995	Diplomate US Board of Pediatrics
1998	Diplomate US Board of Pediatric Pulmonology
2002	US Board of Pediatrics. Recertification.
2005	Florida State License
2006	US Board of Pediatric Pulmonology. Recertification.
2006	Pediatric Advanced Life Support certification. American Heart Association.
2006	Basic Life Support certification. American Heart Association.
2015	US Board of Pediatric Pulmonology. Recertification.

III. EXPERIENCE**Academic Appointments:**

1987-89	Instructor, Faculty of Medicine, Technion-Israel Institute of Technology, Haifa
1989-90	Lecturer, Faculty of Medicine, Technion-Israel Institute of Technology, Haifa
1990-92	Instructor of Pediatrics, Harvard Medical School, Boston
1992-2000	Assistant Professor of Pediatrics, Harvard Medical School, Boston
1998-2005	Director, Clerkship in Pulmonary Pediatrics (HMS PD518M.7), Harvard Medical School, Boston
2000-2005	Associate Professor of Pediatrics, Harvard Medical School, Boston
2005	Professor of Pediatrics, Miller School of Medicine, University of Miami, Miami, FL
2007	Tenured Professor of Pediatrics, Miller School of Medicine, University of Miami, Miami, FL
2010	Endowed Chair: Batchelor Family Professor of Cystic Fibrosis and Pediatric Pulmonology. Miller School of Medicine, University of Miami.
2005-pres	Director, Pediatric Pulmonary Fellowship Training Program. (One of two in FL)
2005-pres	Director (or co-Director), University of Miami Cystic Fibrosis Center. (Fully accredited by Cystic Fibrosis Foundation)
2010-pres	Principal Investigator (PI), Pediatric Cystic Fibrosis Therapeutic Development Center (TDC) of the Cystic Fibrosis Foundation

Hospital Appointments:

1973-74	Rotating Internship, Rambam Medical Center, Haifa
1975-81	Pediatric Residency, Haifa Medical Center (Rothschild), Haifa
6/1980-7/84 & 10/1986-7/90	Director, Pediatric Respiratory Clinic, Haifa Medical Center (Rothschild), Haifa
7/1981-7/90	Senior Staff Pediatrician, Pediatric Department, Haifa City Medical Center (Rothschild), Haifa
1987-90	Associate Chief, Department of Pediatrics, Haifa Medical Center (Rothschild), Haifa
1987-90	Co-Director, The Jacobo Lichtman Infant Apnea Investigation Center. Haifa Medical Center
1989-90	Established and directed the Pediatric Bronchoscopy Service. Haifa Medical Center
7/1990-10/05 7/90-10/05	Faculty position (Pulmonary Medicine) at Children's Hospital Boston In-patient and out-patient Attending in Pulmonary Diseases. Children's Hospital, Boston
7/1990-97	Inpatient Attending, General Pediatrics, Children' Hospital, Boston
7/1990-94	Assistant in Medicine (Pulmonary) Children's Hospital, Boston
7/1994-5/04	Associate in Medicine (Pulmonary), Children's Hospital, Boston
7/1998-2000	Clinical Director, Division of Respiratory Medicine, Children's Hospital, Boston
7/1998-2005	Mary Ellen Avery Pulmonary Team Chief, The Janeway Firm, Department of Medicine, Children's Hospital.
2002-2005	Initiated and developed the Aerodigestive Program at Boston Children's Hospital in collaboration with ENT and GI, and directed its pulmonary arm.
2/1998-2005	Affiliate Physician, Brigham and Women's Hospital, Boston
6/2004-2005	Clinical Chief, Associate Division Chief, Division of Respiratory Medicine, Children's Hospital, Boston
8/2004-2005 10/2005	Consultant Physician, Beth Israel Deaconess Medical Center, Boston Director, Division of Pediatric Pulmonology, Miller School of Medicine, University of Miami, Miami, FL
10/2005-	Inpatient and Outpatient Attending, Pediatric Pulmonology, Holtz Children's Hospital/Jackson Memorial Hospital, Miami, FL
10/2005-Pres	Director, Flexible Bronchoscopy Pediatric Program, Holtz Children's Hospital/Jackson Memorial Hospital, Miami, FL

Hospital and Health Care Organizations Clinical Responsibilities:

1980-84	
1986-90	Established and directed the Pediatric Respiratory Clinic, Haifa Medical Center
1981-83	Regional Medical Director of Northern Israel, Youth Aliya (Aliyat Hanoar) - Adolescent Education Institutes
1982-84	Pediatrician-in-Charge, well baby clinics and high school, The Israel Ministry of Health, Haifa
1982-84	General Pediatrics, Private practice (part time)
1983-84	Medical Officer in charge of absorption of Ethiopian Youth at Youth Aliya (Aliyat Hanoar) Educational Institutes of Israel
1987-90	General Pediatrics & Pediatric Pulmonology, Private practice (part time)

Other organizations:

- 2007 - 2015 Initiator and organizer of the Annual International Cystic Fibrosis Symposium. Department of Pediatrics. University of Miami. Miami, FL
- 2006 - 2015 Initiator and organizer of Pediatric Pulmonary national and international Visiting Professorships. Pulmonary Division, Department of Pediatrics. University of Miami. Miami, FL
- 2007 - 2015 Initiator and organizer of the quarterly lecture of the South Florida Consortium of Pediatric Pulmonology.

Military:

- 7/1965-10/67 Military Service, Army, Israel Defense Forces.
- 10/1974-9/75 Medical Officer, Israel Medical Corps, Army and Air Force
- 1975-90 30-60 days/yr reserve service, Israel Defense Forces, Medical Corps
- 1992 Captain. Honorable Discharge. Israel Defense Forces, Medical Corps

IV. PUBLICATIONS

Book Chapters

1. **Colin AA**, Reiter J, Rossi GA, Quizon A. Understanding Interventional Bronchoscopy In: Davis SD, Koumbourlis AC, Eber E, Editors. Diagnostic Techniques for the Pediatric Pulmonologist. Springer Publishing Company. New York. 2014.
2. Rosen D, Lang JE, **Colin AA**. Clinical Algorithms. In: R.H. Cleveland, C. Langston, A.A. Colin, E.Y Lee, J. Chow, Editors. Imaging of the Pediatric Chest. Springer Publishing Company. New York. 2012.
3. **Colin AA** and Rosen D, Lang JE. Normal Growth and Physiology. In: R.H. Cleveland, C. Langston, A.A. Colin, E.Y Lee, J. Chow, Editors. Imaging of the Pediatric Chest. Springer Publishing Company. New York. 2012.
4. Chow JS, Chung EM, **Colin AA**, Cleveland RH, Sawicki GS. Focal Lung Disease. In: R.H. Cleveland, C. Langston, A.A. Colin, E.Y Lee, J. Chow, Editors. Imaging of the Pediatric Chest. Springer Publishing Company. New York. 2012.
5. **Colin AA**, Waltz, DA. Techniques and Technical Issues: Special Procedures. In: Paediatric Bronchoscopy. Editors: K.N. Priftis, M.B. Anthracopoulos, E. Eber, A. Koumbourlis, R.E. Wood. Karger AG, Basel. 2010;42–53.
6. **Colin AA**, Wohl MEB. Primary pulmonary hemosiderosis. In: Gellis and Kagan's Current Pediatric Therapy. 14th Edition. W. B. Saunders Co. 1993:134-135.

Book Editorship:

Imaging of the Pediatric Chest.

Editors: R.H. Cleveland, C. Langston, **A.A. Colin**, E.Y Lee, J. Chow. Springer Publishing Company. 2012

Full Articles

1. Rossi GA, Silvestri M, **Colin AA**. Respiratory syncytial virus infection of airway cells: role of microRNAs. *Pediatr Pulmonol*. 2015; 50:727–732. doi: 10.1002/ppul.23193.
2. Horesh E, **Colin AA**, MD, Casiano R, Wester S. An Atypical Presentation of Sinus Mucopyocele in a Pediatric Cystic Fibrosis Patient. *Clinical Ophthalmology*. 2015 May 6;9:821-4. doi: 10.2147/OPHTH.S81483.
3. Reiter J, **Colin AA**, Andreansky M, Shafieian M, Nares M, Ali-Dinar T Bronchoscopic Instillation of Activated Recombinant Factor VII to Treat Diffuse Alveolar Hemorrhage in

- Pediatrics. *Pediatr Allergy Immunol Pulmonol*. 2015;28(1):63-65. DOI: 10.1089/ped.2014.0377
4. Rossi GA, **Colin AA**. Infantile RSV and HRV infections: respective role in inception and persistence of wheezing. *Eur Respir J*. 2015;45(3):774-789. doi: 10.1183/09031936.00062714.
 5. Yousef S, Solomon GM, Brody A, Rowe SM, **Colin AA**. Improved Clinical and Radiographic Outcomes after Treatment with Ivacaftor in a Cystic Fibrosis Young Adult with the P67L CFTR Mutation. *Chest* 2015 Mar;147(3):e79-82. doi: 10.1378/chest.14-1198.
 6. **Colin AA**, Basora E, Yousef S. Mycobacterium avium Complex (MAC) Presenting as the First infection in a Child with Cystic Fibrosis. *Pediatr Pulmonol*. 2015;50(3):E5–E7. DOI 10.1002/ppul.23101.
 7. **Colin AA**, Yousef S, Forno E, Korppi M. Treatment of *Mycoplasma pneumoniae* in Pediatric Lower Respiratory Infection. *Pediatrics*. 2014 Jun;133(6):1124-5. doi: 10.1542/peds.2014-0871.
 8. Demirel N, Quizon A, Beltetón De Leon EL, Reiter J, **Colin AA**. On the nature of pleural involvement in necrotizing pneumonia: A report of two cases of life threatening late complications. *Pediatr Pulmonol*. 2014;49(3):E90-5. doi: 10.1002/ppul.22943.
 9. Quizon A, Minic P, Pohunek P, Tal A, **Colin AA**. Obliterative lower airway lesions in childhood: bronchoscopic diagnosis and clinical spectrum. *Pediatr Pulmonol*. 2014 Mar;49(3):E27-34 doi: 10.1002/ppul.22775.
 10. Kugelman A, **Colin AA**. Late Preterm Infants: Near Term But Still in a Critical Developmental Time Period. *Pediatrics*. 2013 Oct;132(4):741-51. doi:10.1542/peds.2013-1131
 11. Reiter J, Demirel N, Mendy A, Gasana J, Vieira ER, **Colin AA**, Quizon A, Forno E. Prolonged macrolide administration in the treatment of asthma – a meta-analysis of randomized clinical trials. *Allergy*. 2013 Aug;68(8):1040-9. doi: 10.1111/all.12199
 12. Rosenfeld M, Farrell PM, Kloster M, Swanson JO, Vu T, Brumback I, Acton JD, Castile RG, **Colin AA**, Conrad CK, Hart MA, Kerby GS, Hiatt PW, Mogayzel PJ, Johnson RC, Davis SD. Association of Lung Function, Chest Radiographs and Clinical Features in Infants with Cystic Fibrosis. *Eur Respir J*. 2013 Dec;42(6):1545-52. doi: 10.1183/09031936.00138412

13. Quintero RA, Kontopoulos E, Reiter J, Pedreira W, **Colin AA**. Fetal bronchoscopy: its successful use in a case of extralobar pulmonary sequestration. *J Matern Fetal Neonatal Med.* 2012;25(11):2354-8
14. Foster SB, Lu M, Glaze DG, Reuben JM, Harris LJ, Cohen EN, Lee BN, Zhao E, Paul ME, Schwarzwald H, McMullen-Jackson C, Clark C, Armstrong D, Brouwers PY, Miller TL, **Colin AA**, Scott GB, Shahzeidi S, Willen EJ, Asthana D, Lipshultz SE, Thompson B. Associations of Cytokines, Sleep Patterns, and Neurocognitive Function in Youth with HIV Infection. *Clinical Immunology.* 2012;144:13–23
15. Siberry GK, Leister E, Jacobson D, Foster SB, Seage GR, Lipshultz SE; Paul ME; Purswani M, **Colin AA**, Scott G, Shearer WT. and Pediatric HIV/AIDS Cohort Study Group PHACS. Increased risk of asthma and atopic dermatitis in perinatally HIV-infected children and adolescents. *Clinical Immunology.* 2012;142:201-208
16. Al-Khadra ES, Chau KW, Pizzo Barone C, **Colin AA**. Invasive Pneumonia and Septic Shock in Infants as a Presentation of Cystic Fibrosis with Vitamin-Deficiency. *Pediatr Pulmonol.* 2012;47(7):722-6
17. **Colin AA** and Rabin HR. *Stenotrophomonas maltophilia* in Cystic Fibrosis: Guilty or Innocent? *Am J Respir Crit Care Med.* 2011;183:564-566
18. Davis SD, Kerby, G, Brumback L, Kloster M, Acton J, Castile R, **Colin AA**, Conrad C, Hart M, Hiatt P, Mogayzel P, Johnson R, Wilcox S, Rosenfeld M. Multicenter, Longitudinal Evaluation of Infant Lung Function Tests as Clinical Trial Endpoints. *Am J Respir Crit Care Med.* 2010;182(11):1387-97
19. Levy H, Cannon CL, Asher D, Garcia CK, Cleveland RH, Pier GB, Knowles MR, **Colin AA**. Lack of correlation between pulmonary disease and CFTR dysfunction in cystic fibrosis: a case report. *J Med Case Reports.* 2010;4:117
20. Cleveland RH, Zurakowski D, Slattery D, **Colin AA**. Cystic Fibrosis Genotype and Assessing Rates of Decline in Pulmonary Status. *Radiology.* 2009;253:813-821
21. Sawicki GS, Lu FL, Valim C, Cleveland RH, **Colin AA**. Necrotizing pneumonia is Increasingly Detected as a Complication of Community-Acquired Pneumonia in Children. *Eur Respir J* 2008;31:1285-1291.
22. Levy H, Kalish LA, Cannon CL, García KC, Gerard C, Goldmann D, Pier GB, Weiss ST, **Colin AA**. Predictors of Mucoïd Pseudomonas Colonization in Cystic Fibrosis Patients. *Pediatr Pulmonol.* 2008;43(5):463-471.
23. Cleveland RH, Zurakowski D, Slattery DM, **Colin AA**. Chest radiographs for outcome assessment in cystic fibrosis. *Proc Am Thorac Soc* 2007; 4:302-305

24. Butler WR, Sheils CA, Brown-Elliott BA, Charles N, **Colin AA**, Gant MJ, Goodill J, Hindman D, Toney SR, Wallace, Jr RJ, Yakrus MA. First isolation of *Segniliparus rugosus* from patients with cystic fibrosis. *J Clin Microbiol.* 2007;45(10):3449-52
25. **Colin AA**, Ali-Dinar T. Endobronchial biopsy in childhood. *Chest* 2007;131:1626-1627
26. Velasco MV*, **Colin AA** * (*shared first authorship), Zurakowski D, Darras B, Shapiro F. Posterior Spinal Fusion for Scoliosis in Duchenne Muscular Dystrophy Diminishes the Rate of Respiratory Decline. *Spine.* 2007;32(4):459-465
27. Riedlinger WFJ, Vargas SO, Jennings RW, Estroff JA, Barnewolt CE, Lillehei CW, Wilson JM, **Colin AA**, Reid LM, Kozakewich HPW. Bronchial atresia is common to extralobar sequestration, intralobar sequestration, congenital cystic adenomatoid malformation and lobar emphysema. *Pediatr Dev Pathol* 2006; 9:361-973
28. Boyer D, Vargas SO, Slattery D, Rivera-Sanchez YM, **Colin AA**. Churg-Strauss Syndrome in Children: a clinical and pathologic review. *Pediatrics.* 2006;118(3):e914-20
29. Gordon CM, Binello E, LeBoff MS, Wohl ME, Rosen CJ, **Colin AA**. Relationship between insulin-like growth factor I, dehydroepiandrosterone sulfate and proresorptive cytokines and bone density in cystic fibrosis. *Osteoporos Int.* 2006;17:783-790
30. **Colin AA**, Tsiligiannis T, Nosé V, Waltz D. Membranous obliterative bronchitis - a proposed unifying model. *Pediatr Pulmonol.* 2006;41:126-132
31. Lang, J, **Colin AA**. Chest Pain in Children. *Curr Pediatr Rev* 2006;2 (3):245-58
32. Kharasch VS, Hui NTH, Dumas HM, Haley SM, **Colin AA**. Head Circumference and Chronic positive Pressure Ventilation in Children. *Childs Nerv Syst.* 2005;21(11):986-90
33. Di Luozzo G, Kim HB, Boisselle PH, **Colin AA**, Fishman SJ. Absence of the Right Upper Lobe Bronchus: A Unique Bronchopulmonary Anomaly. *Ann Thorac Surg* 2005; 79(1):331-4
34. **Colin A**, Burge H, DeMaria A, Condon S, Kludt P, Feeney M, Murphy T, Mansell A, Franz A, Miller C, Brown C, Mott J, K Dunn K, Ferdinands J, Redd S. Investigation of Acute Idiopathic Pulmonary Hemorrhage Among Infants - Massachusetts, December 2002-June 2003. *MMWR* 2004; 53(35):817-820
35. Grasemann H, Lax H, Treseler JW, **Colin AA**. Dornase Alpha and Exhaled NO in Cystic Fibrosis. *Pediatr Pulmonol.* 2004, 38:379-385.
36. Murphy TD, Anbar RD, Lester LA, Nasr SZ, Nickerson B, VanDevanter DR, **Colin AA**. Treatment with tobramycin solution for inhalation reduces hospitalizations in young CF subjects with mild lung disease. *Pediatr Pulmonol.* 2004, 38:314-320

37. Slattery DM, Zurakowski D, **Colin AA** *, Cleveland RH* (*shared authorship). CF: An X-Ray Database to Assess Effect of TOBI. *Pediatr Pulmonol.* 2004, 38:23–30
38. Rabin HR, Butler SM, Wohl MEB, Geller DE, **Colin AA**, Schidlow D, Johnson CA, Konstan MW, Regelman WE. Pulmonary exacerbations in cystic fibrosis: clinical signs and symptoms associated with antibiotic interventions. *Pediatr Pulmonol* 2004; 37:400–406.
39. Koumbourlis AC, Chen XC, Rao JS, Schluchter MD, **Colin AA**, Hiatt P, Hunter J, Kattan M, Lewis K, McCarthy K, McConnell R, Mellins RB, Montague D, Peavy H, Platzker ACG, Saiki K, Steinbach S, Ting A, Weisner MD, Wohl MEB. Maximal expiratory flow at FRC (V' maxFRC): Methods of selection and differences in the reported values. *Pediatr Pulmonol.* 2004; 37:318-323
40. Zack J, Jacobs CP, Keenan PM, Harney K, Woods WR, **Colin AA** *, Emans SJ* (*shared authorship). Perspectives of Patients with Cystic Fibrosis on Preventive Counseling and Transition to Adult Care. *Pediatr Pulmonol.* 2003;36:376-83
41. Godambe SA, Mack JW, Lindeman R, Lillehei CW, **Colin AA**. Iatrogenic Pleuropulmonary Charcoal Instillation in a Teenager. *Pediatr Pulmonol* 2003;35:490–493
42. Mitri RK, Brown SD, Zurakowski D, Chung KY, Konez O, Burrows PE, **Colin AA**. Outcomes of Primary Image-Guided Drainage of Parapneumonic Effusions in Children. *Pediatrics.* 2002;110(3):e37
43. Slattery D, Wong SW, **Colin AA**. levalbuterol hydrochloride - a review. *Pediatr Pulmonol* 2002;33:151-157.
44. **Colin AA**, Rao S, Chen XC, Hunter JM, Hanrahan J, Hiatt P, Kattan M, Koumbourlis A, Mellins RB, Peavy HH, Platzker A, Ting A, Steinbach S, Wohl MEB. Forced expiratory flow in uninfected infants and children born to HIV-infected mothers. *Am J Resp Critical Care Med* 2001 Mar;163(4):865-73.
45. Kattan M, Platzker A, Mellins RB, Schluchter MD, Chen XC, Peavy H, Steinbach S, Wohl ME, Hiatt P, Hunter J, **Colin AA**. Respiratory diseases in the first year of life in children born to HIV-1-infected women. *Pediatr Pulmonol.* 2001; 31:267-276.
46. Gappa M, **Colin AA**, Goetz I, Stocks J. Standards for infant respiratory function testing: Passive respiratory mechanics: The occlusion techniques. *Eur Respir J* 2001; 17:141-148.
47. Langston C, Cooper ER, Goldfarb J, Easley KA, Husak S, Sunkle S, Starc TJ, **Colin AA**. HIV-related mortality in infants and children: data from the pediatric pulmonary and cardiovascular complications of vertically transmitted HIV (P²C²) study. *Pediatrics* 2001;107(2):328-338

48. Sawyer SM, Tully MAM, **Colin AA**. Reproductive health in males with cystic fibrosis: The perspective of health care providers. *Journal of Adolescent Health* 2001;28(1):36-40
49. Platzker ACG, **Colin AA**, Chen P, Hiatt P, Hunter JM, Koumbourlis A, Schluchter M, Ting A, Wohl ME. Effects of the thoracoabdominal compression (TAC) technique on respiratory system compliance in infants and small children of HIV infected mothers. *Am J Resp Critical Care Med* 2000;161:1567-1571.
50. Cullen AR, Cannon CL, Mark EJ, **Colin AA**. Mycobacterium abscessus infection in cystic fibrosis - colonization or infection? *Am J Resp Critical Care Med* 2000;161:641-645.
51. Morgan WJ, Butler SM, Johnson CA, **Colin AA**, FitzSimmons TC, Geller DE, Konstan MW, Light MJ, Rabin HR, Regelmann WE, Schidlow DV, Stokes DC, Wohl MEB, Kaplowitz H, Wyatt MM, Stryker S. Epidemiologic Study of Cystic Fibrosis: Design and implementation of a prospective, multicenter, observational study of patients with cystic fibrosis in the U.S. and Canada. *Pediatr Pulmonol* 1999;28:231-241.
52. Hunter JM, Sperry EE, Ravilly S, **Colin AA**. Thoracoabdominal synchrony and ratio of time to peak tidal expiratory flow over total expiratory time in adolescents with cystic fibrosis. *Pediatr Pulmonol* 1999;28:199-204.
53. Geller DE, Kaplowitz H, Light M, **Colin AA**. Allergic bronchopulmonary aspergillosis in cystic fibrosis: prevalence, regional distribution, and patient characteristics. *Chest* 1999;116:639-646
54. Starc TJ, Langston C, Goldfarb J. **Colin AA**, Cooper ER, Easley KA, Sunkle S, Schluchter MD. Unexpected non-HIV causes of death in children born to HIV infected mothers. *Pediatrics* 1999;104:e6
55. Hoffer FA, Bloom DA, **Colin AA**, Fishman SJ. Lung Abscess versus Necrotizing Pneumonia: Implications for Interventional Therapy. *Pediatric Radiology* 1999;29:87-91
56. Cleveland RH, Neish AS, Zurakowski D, Nichols DP, Wohl MEB, **Colin AA**. Cystic fibrosis: Predictors of accelerated decline and distribution of disease in 230 patients. *AJR Am J Roentgenol* 1998;171:1311-1315
57. Sawyer SM, Tully MAM, Dovey ME, **Colin AA**. Reproductive health in males with cystic fibrosis: Knowledge, attitudes, and experience of patients and parents. *Pediatr Pulmonol* 1998;25:226-230.
58. Bousvaros A, Sundel R, Thorne GM, McIntosh K, Cohen M, Erdman DD, Perez-Atayde A, Finkel TH, **Colin AA**. Parvovirus B19 associated interstitial lung disease, hepatitis and myositis. *Pediatr Pulmonol* 1998;26:365-369. (**Abstracted in: The Year Book of Pulmonary Disease, 2000, Mosby Year Book, St Louis**).

59. Cleveland RH, Neish AS, Zurakowski D, Nichols DP, Wohl MEB, **Colin AA**. Cystic fibrosis: A system for assessing and predicting progression. *AJR Am J Roentgenol* 1998;170:1067-1072
60. Duggan C, **Colin AA**, Rifai N. Changes in retinol and retinol-binding-protein levels in patients with cystic fibrosis undergoing antibiotic therapy. *Clinical Nutrition* 1996;64:635-9
61. Rifai N, Sakamoto M, Law T, Galpchian V, Harris N, **Colin AA**. The use of a rapid HPLC assay for the determination of pharmacokinetic parameters of ibuprofen in children with cystic fibrosis. *Clinical Chemistry* 1996;46:1812-1816.
62. **Colin AA**, Sawyer SM, Mickle JE, Oates RD, Milunsky A, Amos JA. Pulmonary function and clinical observations in males with congenital bilateral absence of the vas deferens. *Chest* 1996;110:440-445
63. Wilmott RW, Amin RS, **Colin AA**, DeVault A, Dozor AJ, Eigen H, Johnson C, Lester LA, McCoy K, McKean LP, Moss R, Nash ML, Pagel Jue C, Regelman W, Stokes DC, Fuchs HJ. Aerosolized recombinant human DNase in hospitalized cystic fibrosis patients with acute pulmonary exacerbation. *Am J Resp Critical Care Med* 1996; 153:1914-7
64. Shah PI, Bush A, Canny GJ, **Colin AA**, Fuchs HJ, Geddes DM, Johnson CAC, Light MC, Scott SF, Tullis DE, De Vault A, Wohl ME, Hodson ME. Recombinant human DNase I in cystic fibrosis patients with severe pulmonary disease: a short-term, double-blind study followed by six months open label treatment. *Eur Respir J* 1995;8:954-958.
65. Hunter JM, Cooper D, **Colin AA**. Pneumocystis Carinii Pneumonia: A pediatric perspective. *Pediatr AIDS and HIV infection*. 1995;6:262-270
66. Ramsey BW, Astley SJ, Aitken LM, Burke W, **Colin AA**, Dorkin HL, Eisenberg JD, Gibson RL, Harwood IR, Schidlow DV, Wilmot RW, Wohl ME, Meyerson LJ, Shak S, Fuchs S, Smith AL. Efficacy and safety of short term administration of aerosolized recombinant human deoxyribonuclease in patients with cystic fibrosis (CF). *Am Rev Resp Dis* 1993;148:145-151
67. **Colin AA**, Rodriguez Prieto AC, Brown RW. Lung Cavity in a child. *Pediatric Pulmonology*. 1993;15:266-269
68. **Colin AA**, Mark EJ. Case Records of the Massachusetts General Hospital. Case 49-1993. A 21-year-old woman with lifelong progressive interstitial lung disease. *N Eng J Med*. 1993;329:1797-1805.

69. Siegel IA, Ben-Aryeh H, Gozal D, **Colin AA**, Szargel R, Laufer D. Comparison of unbound and total theophylline concentrations with those of stimulated and unstimulated saliva in asthmatic children. *Therapeutic Drug Monitoring* 1990;12:460-464
70. Tirosh E, **Colin AA**, Tal Y, Kulikowski Z, Jaffe M. A practical approach to the diagnosis and management of apnea of infancy. *Isr J Med Sci* 1990; 26:429-432.
71. Hershenson M, **Colin AA**, Wohl ME, Stark A. Changes in the contribution of the rib cage to tidal breathing during infancy. *Am Rev Resp Dis.* 1990; 141:922-925. (**Abstracted in: The Year Book of Pulmonary Disease, 1991, Mosby Year Book, St Louis, 1991, p. 263**).
72. Gozal D, **Colin AA**, Jaffe M, Hochberg Z. The water-electrolyte endocrine balance in infants with bronchiolitis. *Pediatr. Res.* 1990; 27:204-209. (**Abstracted in: The Year Book of Pulmonary Disease, 1991, Mosby Year Book, St Louis, 1991, p. 271**).
73. Ratjen FA, **Colin AA**, Stark AR, Mead J, Wohl MEB. Changes of time constants during infancy and early childhood. *J. Appl. Physiol.* 1989; 67:2112-2115.
74. Scuderi G, Sanders DP, Brustowicz RM, Berde CB, **Colin A**, Allen J, Healy GB, Hall JE. Postoperative lordoscoliosis causing extrinsic compression of the right main stem bronchus and respiratory insufficiency. A case report. *Spine* 1989; 14:110-114.
75. **Colin AA**, Wohl MEB, Mead J, Ratjen FA, Glass G, Strak AR. Transition during infancy from dynamically maintained to relaxed end-expiratory volume. *J. Appl. Physiol.* 1989; 67:2107-2111. (**Abstracted in: The Year Book of Pulmonary Disease, 1991, Mosby Year Book, St Louis, 1991, p. 264**).
76. Jaffe M, Srugo T, Tirosh E, **Colin AA**, Tal Y. A specific beneficial effect of lumbar puncture in viral meningitis. *Am. J. Dis. Child.* 1989; 143:682-685.
77. Gozal D, **Colin AA**, Daskalovic YL, Jaffe M. Environmental overheating as a cause of transient respiratory chemoreceptor dysfunction in an infant. *Pediatrics.* 1988; 82:738-740.
78. **Colin AA**, Allen JA, Berde CB, Griscom T, Hall JE. Bronchial compression caused by vertebral bodies in scoliosis. (Radiological picture of the month) *Am J Dis Child* 1988; 142:545-546
79. **Colin AA**, Jaffe M, Shapira Y, Ne'eman Z, Gutman A, Korman S. Muscle carnitine deficiency presenting as familial fatal cardiomyopathy. *Arch Dis Child* 1987; 62:1170-1172.

80. **Colin AA**, Hochberg Z, Kraiem Z. Maintenance theophylline therapy in children: Effect on urinary calcium, phosphate and cyclic AMP excretion. *Acta Paediatr. Scand.* 1987;76:367-368.
81. Gorman JR, Abrahamson J, **Colin AA**. Congenital colon stenosis. *Colo-Proctology* 1986; 2:75-82.
82. Persico M, Podoshin L, Fradis M, Grushka M, Golan D, Foltin V, Wellisch G, Cahana Z, **Colin A**, Winter S. Recurrent acute otitis media-prophylactic penicillin treatment: A prospective study. Part I. *Int. J. Ped. Otolaryngology.* 1985; 10:37-46.
83. Lahat N, Nir E, Horenstein L, **Colin AA**. Effect of theophylline on the proportion and function of T-suppressor cells in asthmatic children. *Allergy.* 1985; 40:453-457.
84. Gozal D, **Colin A**, Shachar H, Ben Aryeh H. Salivary theophylline: A reliable alternative to monitoring serum levels? *Isr. J. Med. Sci.* 1985; 21:462-463.
85. Gozal D, Ben Aryeh H, Szargel R, **Colin A**. Salivary composition in asthmatic children on theophylline. *Isr. J. Med.Sci.* 1985; 21:460-461.
86. **Colin A**, Said E, Winter ST. Exercise-induced asthma in schoolchildren: A pilot study in two Haifa districts. *Isr. J. Med. Sci.* 1985; 21:40-43.
87. **Colin A**. Medical experience with Jewish Ethiopian youth. *Int J Adolescent Med and Health.* 1985; 1:271-276.
88. Hochberg Z, Spindel A, Guttman H, **Colin A**. Leucine-induced hypoglycemia in a family: Effect of diphenylhydantoin, oxprenolol and diazoxide. *Hormone Research* 1984; 20:218-223.
89. **Colin A**, Kraiem Z, Kahana L, Hochberg Z. Effects of theophylline on urinary excretion of cyclic AMP, calcium and phosphorus in normal subjects. *Mineral. Electrolyte. Metab.* 1984; 10:359-361.
90. **Colin A**, Borochowitz Z, Berger A. Group B streptococcal meningitis, septicemia and septic arthritis in neonates. *Harefuah.* 1983; 104:141-143.
91. Eldar S, Abrahamson J, **Colin A**. Hydromediastinum and hydrothorax in the neonate with central vein catheterization. *Israel J Med Sci* 1983; 19:349-352.
92. **Colin A**, Bar Joseph G, Jaffe M. Agranulocytosis in children. *Harefuah.* 1979;97:15-17.

Reviews

1. **Colin AA.** Pulmonary Bleeding in Infants and Children. *Pediatric Pulmonology* 2014; 49: S1-S87. PP 22-23.
2. Quizon A, Pelosi U, **Colin AA**, Rossi GA. Treatment of disorders characterized by reversible airway obstruction in childhood: are anticholinergics the answer? *Curr Pharm Des.* 2012;18(21):3061-85.
3. **Colin AA.** Pulmonary bleeding in infants and children. *Paediatr Respir Rev.* 2010; 11 Supp 1:S33-35
4. **Colin AA.** The Forgotten Majority – late preterm infants and their vulnerability to lung disease. *Paediatr Respir Rev.* 2010; 11 Supp 1:S51-53
5. **Colin AA**, McEvoy C, Castile R. Respiratory morbidity and Lung Function in Preterm Infants 32–36 Weeks Gestational age. *Pediatrics.* 2010 Jul;126(1):115-28
6. Quizon A, **Colin AA.** Special Considerations in Pediatric Asthma. *Curr Opin Pharmacol.* 2010 Jun;10(3):272-5
7. Rosen D, **Colin AA.** Pulmonary function testing in children. In: *UpToDate*, Rose, BD (Ed), *UpToDate*, Waltham, MA, 2007 (Updated annually)..
8. **Colin AA.** Pneumonia in the developed world. *Paediatr Respir Rev.* 2006;7 Suppl 1:S138-40
9. **Colin AA.** Infant pulmonary testing – techniques, physiological perspectives and clinical applications. *Paediatr Respir Rev* 2004;5 Suppl A:S73-6.
10. **Colin AA**, Wohl MEB. Cystic fibrosis. *Pediatrics In Review.* 1994;15:192-200

Abstracts (all refereed, not published as papers)

1. Ali-Dinar T, Colin AA, Andreansky M, Reiter L. Direct pulmonary instillation of recombinant factor VII (rFVIIa) for treatment of diffuse alveolar hemorrhage (DAH) in a 2 year old: the youngest pediatric case reported. *Paediatr Respir Rev* 2013;14 (Suppl 2) S77
2. Reiter J, Colin AA, Kontopoulos EV, Shahzeidi S, Quintero RA. Fetal bronchoscopy for treatment of congenital pulmonary anomalies. *Eur Respir J* 2013;42: Suppl. 57:5016s
3. Yousef S, Schuler P, Baker D, Della Volpe A, Colin A, Quizon A. Prevalence of non-tuberculous mycobacteria (NTM) in pediatric patients with cystic fibrosis (CF) in Florida – A two center study. *Paediatr Respir Rev* 2013;14 (Suppl 2) S72

4. Rosenfeld M, Farrell P, Kloster M, Brumback L, Acton JD, Colin AA, Conrad CK, Hart MA, Kerby GS, Hiatt PW, Mogayzel PJ, Johnson RC, Castile RG, Davis SD. Association of Lung Function and Clinical Characteristics in a Multicenter Cohort of Infants with CF.
5. Colin A. Breathing strategies in infancy: Physiology, developmental features and what goes wrong with disease. *Paediatr Respir Rev.* 2011; 12 Supp 1:S54
6. Forno E, Della Volpe A, Quizon A, Colin A. Safety and utility of bronchoalveolar lavage in pediatric immune suppressed patients. *Paediatr Respir Rev.* 2011; 12 Supp 1: S88-S89
7. Foster SB, Harris LL, Armstrong DF, Paul ME, Glaze DG, Reuben JM, Cohen EN, Lee B, Kozinetz CA, Schwarzwald HL, Kline MW, Jackson CD, Ward EN, Fehlis JE, Brouwers PY, Miller TL, Himic L, Colin AA, Scott GB, Shahzeidi S, Asthana D, Lipshultz SE, Shearer WT. Neurocognitive Disturbances in HIV-Infected Children with Viremia. Accepted for Presentation AAAAI Annual Meeting, Philadelphia. 3, 2008. In Press
8. Ben-Ari J, Averboukh A, Pinhas I, Weiss-Kassirer T, Marco R, Lange D, Colin A, Kivity S. Evaluation of a novel device for automatic detection of nocturnal cough in asthmatic children – preliminary results. *Europ Resp J* 2007; Supp :757s
9. Ben-Ari J, Pinhas I, Halperin A, Lange D, Sprecher E, Colin AA, Kivity A. A Continuous Nocturnal Monitoring Device for Predicting Asthma Exacerbation in Children. *Am J Resp Critical Care Med* 2007;175:A206
10. Velasco MV, Aguirre-Jaime A, Shotola N, Treseler JW, Waltz DA, Colin AA. Predictive factors for severe pulmonary exacerbations in patients with cystic fibrosis. *Europ Resp J* 2006;28 Supp 50:715s
11. Ben-Ari J, Pinhas I, Halperin A, Lange D, Colin AA, Kivity A. A Novel Monitoring Device in Predicting Asthma Exacerbation in Children. *Europ Resp J* 2006;28 Supp 50:251s
12. Davis S, Kerby, G, Acton, J, Castile, R, Colin, A, Conrad, C, Hart, M, Hiatt, P, Mogayzel, P, Johnson, R, Wilcox, S, Knutzen, S, Brumback, L, Rosenfeld, M. Feasibility, sensitivity and variability of adult-type pulmonary function tests in infants with cf in a multicenter, longitudinal trial. *Pediatric Pulmonology* 2006;Suppl 29:360.
13. Tal A, Pohunek P, Waltz DA, Colin AA. Membranous obliterative bronchitis - a new bronchoscopic diagnosis - two cases in children. *Europ Resp J* 2006;28 Supp 50:118s
14. Sawicki G, Lu F, Valim C, Lee J, Cleveland RH, Colin AA. Necrotizing Pneumonia in Children: Analysis of 80 Cases at Children's Hospital Boston from 1993-2005. *Paediatr Respir Rev* 2006;7 Suppl 1:S266

15. Brown C, Condon S, Miller C, Colin A, Mansell A, Redd S. Von Willebrand Disease (vWD), a Potential Risk Factor for Acute Idiopathic Pulmonary Hemorrhage (AIPH) among Infants. *Am J Resp Critical Care Med* 2005; 2: Abstract issue, A470.
16. Rosenfeld M, Brumback L, Knutzen S, Acton JD, Castile R, Colin AA, Conrad CK, Hart MA, Hiatt PW, Kerby GS, Mogayzel PJ, Johnson RC, Wilcox SL, Davis SD. Multicenter, longitudinal evaluation of raised volume forced expiratory flows in infants with CF is feasible. *Pediatr Pulmonol* 2005 supp 28:354A
17. Davis SD, Kerby GS, Acton JD, Castile RG, Colin, AA, Conrad CK, Hart MA, Hiatt PW, Mogayzel PJ, Brumback LC, Johnson RC, Wilcox SL, Wohl M, Rosenfeld M. Creating an infant lung function testing Network. *Pediatr Pulmonol* 2004; 38:supp 27:329A
18. Al- Khadra ES, Chau KW, Pizzo C, McDonough G, Colin AA. Severe Pneumonia and Bacteremia in Infants as the Presentation of Cystic Fibrosis. *Pediatr Pulmonol* 2003; supp 25:394A
19. Hui NTH, Colin AA. Bronchoscopy evidenced chronic bacterial bronchitis in otherwise healthy children. *Europ Resp J* 2003;22 Supp 45:142s
20. Bhaskar KR, Colin AA, LaMont JT. Human iduronidase and hexosaminidase solubilize cystic fibrosis sputum *Am J Resp Critical Care Med* 2003; 167:A916
21. Cannon CL, Quaas A, Colin AA. Cromolyn sodium inhibits chloride channel secretion in respiratory epithelium: is cromolyn contraindicated in cystic fibrosis? *Pediatr Pulmonol* 2002;Supp 24:95A
22. Bhaskar KR, Colin A, LaMont JT. Human recombinant iduronidase solubilizes cystic fibrosi sputum. *Pediatr Pulmonol* 2002;Supp 24:382A
23. Tsiligiannis T, Waltz D, Colin AA Yield of bronchoscopy in cystic fibrosis. *Am J Resp Critical Care Med* 2001; 163:A84
24. Colin AA, Kattan M, Chen X, Langston C. Bronchoalveolar lavage and lung biopsy in vertically transmitted HIV in the P2C2 study. *Europ Resp J* 1998;12 supp 28:207s.
25. Hunter JM, Colin AA, Wohl MEB. Effect of beta agonists on partial expiratory flow curves (PEFV) in infants treated for obstructive lung disease. *Europ Resp J* 1997; 10 Supp 25:84s.
26. Colin AA, Butler SM, Wyatt MM, Wohl MEB. Antibiotic “prophylaxis” in cystic fibrosis: Results of a survey in the Northeastern United States. *Am J Resp Critical Care Med* 1997; 155:A640.

27. Hunter JM, Tauber E, Garver R, Colin AA. Sensitivity and specificity of respiratory inductance plethysmography (RIP) for diagnosis of airway obstruction in infants and young children. *Am J Resp Critical Care Med* 1997;155:A377.
28. Hunter JM, Ravilly S, Colin AA. Comparison of two measurements of Tme/Te (time to peak tidal expiratory flow). *Am J Resp Critical Care Med* 1996;153:A558.
29. Hunter JM, Ravilly S, Colin AA. The effect of chloral hydrate on parameters of tidal breathing. *Europ Resp J* 1995; 8 Suppl 19:P1356.
30. Hunter JM, Colin AA. Changes in thoracoabdominal asynchrony (TAA) during hospitalization for acute pulmonary exacerbation in infants and children with CF and bronchiolitis. *Pediatr Pulmonol* 1995; Suppl 12:A259
31. Hunter JM, Ravilly S, Wohl MEB, Stark RM, Colin AA. Time to Peak tidal expiratory flow in normal children. *Europ Resp J* 1994; 7 Suppl 18:P0859.
32. Mickle JE, Oates RD, Colin AA, Maher TA, Milunsky A, Amos JA. Increased frequency of cystic fibrosis (CF) mutations in males with unilateral absence of the vas deferens (UAVD). *Am J Hum Genet* 1993 (Suppl) 5:1204
33. Blanchard JD, Colin AA, Wohl MEB, Brain JD. Using Aerosols to judge efficacy of in-patient therapy in patients with cystic fibrosis. *Europ Resp J* 1993;6 suppl 17:P0454
34. Colin AA, Hunter JM, Stark AR, Wohl MEB. Normal infants and children have minimal thoracoabdominal asynchrony (TAA) assessed by respiratory inductance plethysmography (RIP). *Am Rev Resp Dis* 1993; 147:A966.
35. Balzer K, Corkery K, Sinicropi D, Williams R, Colin A, Williams-Warren J, Fuchs H. Evaluation of occupational exposure to rhDNase. *Pediatr Pulmonol* 1992; Suppl 8:A254.
36. Rivlin KA, Barron S, Rivlin J, Colin AA. Analysis of autonomic nervous system function in cystic fibrosis by spectral analysis of heart rate variation. *Pediatr Pulmonol* 1990; Suppl 5:A228.

Letters to the Editor:

1. Rossi GA, Silvestri M, Colin AA. Viral Bronchiolitis in Children. *N Engl J Med*. 2016 May 5;374(18):1792-3.
2. Colin AA, Ali-Dinar T. Aerosolized amikacin and oral clarithromycin to eradicate *Mycobacterium abscessus* in a patient with cystic fibrosis – An 8 year follow-up. *Pediatr Pulmonol*. 2010;45(6):626-7

3. Colin AA, Shafieian M, Andreansky M. Bronchoscopic instillation of activated recombinant factor VII to treat diffuse alveolar hemorrhage in a child. *Pediatric Pulmonology* 2010 Apr;45(4):411.
4. Colin AA, Ali-Dinar T. Endobronchial biopsy in children. Authors' Response to Letter Regarding Editorial: Endobronchial biopsy in children. *Chest*. 2008; 133:312-313.
5. Colin AA, Tsiligiannis T, Nosé V, Waltz D. Authors' Response to Letter by AB Chang Regarding Previous Publication: Membranous Obliterative Bronchitis - A Proposed Unifying Model. *Pediatr Pulmonol*. 2006;41:905-906
6. Colin AA. Eradication of mycobacterium abscessus in a chronically infected patient with cystic fibrosis. *Pediatr Pulmonol*. 2000;30:267-268.
7. Colin AA. Case 49-1993: Cystic fibrosis. *N Eng J Med* 1994;330:1319
8. Colin AA, Said E. How to cheat with the miniature Wright peak flow meter. *Chest* 1986;86:156.

Educational material:

Cystic fibrosis medical reference set. Volume 2, Etiology. 1993, Genentech Inc.

V. PROFESSIONAL

Funding Information

1999-2004	Genentech Z1943N PI: Andrew Colin, MD 7/15/99 – 12/31/2004 A Study to Determine the Variability of a Six Minute Walk Test in Cystic Fibrosis Subjects with Advanced Lung Disease. \$14,440 5% effort
2000-2004	Pathogenesis Corporation An Open-Label Randomized Trial with Tobramycin Solution for Inhalation (TOBI®) in Cystic Fibrosis Patients with Mild Lung Disease
2003-2005	Cystic Fibrosis Foundation PI: Andrew Colin, MD Therapeutic Development Network Evaluation of Pulmonary Function Tests from Raised Lung Volumes as Outcome Measures for Clinical Trials in Infants with Cystic Fibrosis Current: 02-06-089 CHRMC/CFF 2/01/2003 – 1/31/2005 \$11,580 8% effort

1994-2005	Genentech, Inc. PI: Andrew Colin, MD Epidemiologic Study of Cystic Fibrosis: A Multicenter, Longitudinal Follow-Up of Patients with Cystic Fibrosis for Monitoring Pulmonary Function, Pulmonary Exacerbations and the Safety of Long-Term Treatment with Pulmozyme Inhalation Solution. Current: Z059N Genentech 1/01/1996 – 12/31/2005 Total Grant \$289,280 12% effort
1998-2005	Cystic Fibrosis Foundation CF Care & Teaching Award Current: CYST C054-03 11/01/2004-10/31/2005 Cystic Fibrosis Foundation Center Grant (Colin – Associate Director) \$100,000 Total Center Grant of which 10% is Colin salary support.
2004-2005	CFFT/UMass Worcester PI: Andrew Colin, MD The Use of Formula fortified with DHA in Infants with Cystic Fibrosis 79330-01 3/08/2004 - 9/07/2006 \$6,000 Payment and % effort on this study determined by the number of patients enrolled.
2005-2006	Digestive Care Incorporated PI: Andrew Colin, MD Florida Infant Cystic Fibrosis Early Intervention Program (Investigator initiated project). 12/2005 – 12/2006 Total Grant \$150,000
2005-2006	Healthspark II PI: Jeffrey Brosco Improving Asthma Care for Preschool Children 11/01/05 – 10/31/06 Total Grant \$180,800 2% Effort
2006-2008	Baylor College of Medicine PI: Tracie Miller, M.D. Sleep Studies in HIV+ Older Children/Adolescents NIH Grant: HL097533 7/1/06-6/30/07 Total costs (UM) \$165,042 5% effort
7/2006-7/2007	Green Family Health Initiative Award PI: Andrew Colin A one year prospective, collaborative study to determine the prevalence of non-Tuberculous Mycobacteria (NTM) in patients with cystic fibrosis in Florida. Award Amount: \$15,000
1/1/2009-12/1/2012	Cystic Fibrosis Foundation Therapeutics co-PI: Andrew Colin, MD Therapeutic Development Center Grant #: C152-TDC09Y

	Total Cost \$75,600	10% effort
1/1/2015-12/31/16	Cystic Fibrosis Foundation Therapeutics Therapeutic Development Center Grant #: C152-TDC09Y Total Cost \$75,600	PI: Matthias Salathe, MD co-PI: Andrew Colin, MD 5% effort
1/1/2013-7/31/2014	Pediatric HIV/Aids Cohort Study (PHACS) Data And Operations. NICHD/Harvard subcontract. Asthma in children and adolescents with HIV	PI: Gwendolyn Scott, MD 10% effort.
8/1/2014-7/31/15	NICHD/Tulane Coordinating Center for the Pediatric HIV/Cohort Study II Asthma in children and adolescents with HIV Total Cos \$37,396	5% effort
7/1/2016-6/30/17 (Continuing annual)	Cystic Fibrosis Foundation Cystic Fibrosis Center grant Total Cost \$57,850	2% effort
7/1/2015-6/30/16	CMS. State of Florida Cystic Fibrosis Newborn Screening Program Total Cost \$27,700	3% effort

Editorial Boards:

1997-pres Editorial Board/Book Review Editor, Pediatric Pulmonology
 2004-pres Current Pediatric Reviews
 2010-pres Journal of Pediatric Respiratory Disease (Journal of the Society of Pediatric Pulmonology, Taiwan)

Ad hoc reviewer

1997 Journal of Pediatrics
 1996 American Journal of Respiratory and Critical Care Medicine
 1997 Journal of Pediatric Gastroenterology
 1998 New England Journal of Medicine
 1999 Pediatric Pulmonology
 2001 Pediatrics
 2002 European Respiratory journal
 2002 Journal of Applied Physiology
 2004 Current Pediatric Reviews
 2006 Pediatric Infectious Disease Journal
 2006 Respiriology
 2006 Journal of Cystic Fibrosis
 2006 Journal of Asthma

Professional Societies:

1973 Israel Medical Association
 1975 Israel Pediatric Association
 1984 Israel Society of Pediatric Pulmonology (1989-1990 Co-Chairman)
 1989 American Thoracic Society
 1993 European Respiratory Society (Gold Member since 1998)
 1999 Massachusetts Medical Society
 2006 Fellow, American Academy of Pediatrics

Awards and Honors:

1998 - 2016 Listed on The Best Doctors in America
 2000 - 2010 Listed on The Best Pediatricians in America
 2004 Recipient of Harvard Medical Klaus Peter International Teaching Award
 2004 Children's Hospital Boston Establishes the Andrew A. Colin Pulmonary Teaching Award
 2004 Recipient of the 2004 Andrew A. Colin Pulmonary Teaching Award
 2005 Member, Aesculapian Club at Harvard Medical School
 2005 Recognition for contribution to CF care and research in the state of MA. Speaker, Massachusetts CF Awareness Day, State House, Boston, MA.

- 2010 Nominated Batchelor Family Chair of Cystic Fibrosis and Pediatric Pulmonology, Miller School of Medicine, University of Miami.
- 2011 President – 10th International Congress of Pediatric Pulmonology (CIPP X) - Paris, France.
- 2012 President – 11th International Congress of Pediatric Pulmonology (CIPP XI) - Bangkok, Thailand.
- 2012 Nominated Honorary Advisor of The Thai Association for Pediatric Respiratory and Critical Care Medicine
- 2012 Nominated Honorary Advisor in Pediatrics at Kwong Wah Hospital, Hong Kong
- 2014 Induction to Honorary Fellow of The Philippine Academy of Pediatric Pulmonologists.
- 2014 Nominated Honorary Fellow of the Hong Kong Society of Pediatric Respiriology.
- 2014 Award for Extraordinary Excellence by the International Congress of Pediatric Pulmonology (CIPP).
- 2016 President’s Award. The International Congress of Pediatric Pulmonology (CIPP).

Invited lectures

Local and Regional:

1. 1993 Harvard Medical School Post Graduate Course: Pulmonary and Critical Care Medicine Program. CPC: 21-year-old woman with lifelong progressive interstitial lung disease. Boston, MA
2. 1994 City-wide Allergy rounds. The role of pulmonary functions in asthma. Boston, MA.
3. 1996 City-wide Allergy rounds. Infant pulmonary function testing. Boston, MA.
4. 1996 Pediatric rounds. The diagnosis and treatment of childhood cystic fibrosis. Harvard Community Health Plan. Quincy, MA.
5. 1996 Medical Grand Rounds. New developments in inhaled bronchodilator therapy for asthma. The Cape Cod Hospital, Hyannis, MA
6. 1998 Glaxo Asthma Symposium and Preceptorship. Update on cystic fibrosis. Partners Asthma Center, Brigham and Women’s Hospital. Boston, Massachusetts
7. 1998 Grand Rounds. New perspectives in childhood pleuropneumonia. The South Shore Hospital. Weymouth, Massachusetts.
8. 1998 American Lung Association seminar: “Understanding the Pulmonary Aspects of HIV Today”. Pulmonary complications in the pediatric HIV patient. Waltham, MA.
9. 1998 Obstetric rounds. Clinical features and genetic counseling in cystic fibrosis. Beth Israel Hospital, Boston, MA
10. 1999 City-wide Allergy rounds. New methods in Infant pulmonary function testing. Boston, MA

11. 1999 American Lung Association Seminar: "Asthma Update '99" Pharmacologic treatment of the pediatric asthma patient. Dedham, MA
12. 1999 Course on Advanced Human Genetics. Genetic aspects of cystic fibrosis. Division of Genetics, Children's Hospital. Boston, MA.
13. 1999 Basic Science and Clinical Correlation Conference Series. Infant Pulmonary Mechanics. Harvard Combined Program of Neonatology. Boston, MA.
14. 1999 Anesthesia Grand Rounds. Asthma. Department of anesthesia, Children's Hospital. Boston, MA.
15. 2001 Course on Advanced Human Genetics. Genetic aspects of cystic fibrosis. Division of Genetics, Harvard Medical School. Boston, MA.
16. 2001 Pediatric Grand Rounds. Current approaches to the pharmacotherapy of childhood asthma. MetroWest Medical Center. Framingham, MA.
17. 2001 Asthma Education Seminar. The Pediatric Physicians Organization at Children's Hospital. The diagnosis of asthma. Newton, MA.
18. 2002 Surgical Grand Rounds. Advances in cystic fibrosis. Children's Hospital. Boston, MA.
19. 2002 ORL Grand Rounds Asthma. Children's Hospital. Boston, MA.
20. 2002 Organizer and Chair of an international Pulmonary Science Day. Children's Hospital, Harvard Medical School. Boston, Massachusetts. (This meeting brought together the world leaders in past and present pulmonary medicine including: Jere Mead, Alfred Fishman, Peter Phelan, Jeffrey Drazen, Fernando Martinez, Mary Ellen Avery, Lynne Taussig, Robert Mellins, and Jeffrey Fredberg)
21. 2003 American Lung Association. Lung Updates 2003 - ABCs of Lung disease. Cystic Fibrosis. Norwood, MA
22. 2003 Pediatric Grand Rounds. Necrotizing pneumonia and pleural effusion - Clinical and therapeutic observations. Children's Hospital. Boston, MA
23. 2003 Surgical Grand Rounds. Necrotizing pneumonia and pleural effusion - Clinical and therapeutic observations. Children's Hospital. Boston, MA
24. 2004 City-wide Allergy rounds. Update on Infant pulmonary function testing. Boston, MA
25. 2004 Pediatric Health Care Summit. Management of asthma in the pediatric patient. Beverly, MA
26. 2005 City-wide Allergy rounds. Update on cystic fibrosis. Boston, MA
27. 2006 Pediatric Grand Rounds. Necrotizing pneumonia in children and infants - clinical and therapeutic observations. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL.

28. 2006 Pediatric Infectious Disease Rounds. Necrotizing Pneumonia and obliterative bronchitis. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL
29. 2006 Joe DiMaggio/St. Mary's Medical Center Team meeting. Problem patients and emerging CF issues. Boca Raton, FL
30. 2006 Transplant Rounds. Necrotizing Pneumonia and obliterative bronchitis. Department of Surgery. Miller School of Medicine - University of Miami. Miami, FL
31. 2006 Pediatric Grand Rounds. Why infants are at high risk for respiratory failure and what their breathing strategies to prevent it are. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL.
32. 2007 Pediatric Infectious Disease Rounds. Burkholderia cepacia infection in cystic fibrosis. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL
33. 2007 Pediatric Infectious Disease Rounds. Non-tuberculous mycobacteria in cystic fibrosis. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL
34. 2007 Pediatric Grand Rounds. Churg-Strass Syndrome in childhood. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL.
35. 2008 Pediatric Infectious Disease Rounds. The controversies around the treatment of pediatric pleural effusion. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL
36. 2008 Infectious Diseases/HIV Grand Rounds. Necrotizing pneumonia - an increasing complication of community acquired pneumonia in childhood. Miller School of Medicine. University of Miami. Miami, FL
37. 2008 Cystic fibrosis, the disease, the new genetics and the Jewish angle. The Maimonides Circle. Miami, FL.
38. 2008 Pediatric Grand Rounds – The Forgotten Majority - Late Premature infants 32–36 weeks' Gestational Age have Increased Short- and Long-Term Morbidity. Physiology, epidemiology, and Strategies for Prevention. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL
39. 2008- Pediatric Grand Rounds – Pleural effusion in childhood: A Rational Approach to Treatment and the Interface with Necrotizing Pneumonia. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL
40. 2008 Clinical Psychology Rounds. Cystic fibrosis in childhood. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL
41. 2009 Pediatric Grand Rounds – Clinical Approach to the Child with Pleural Effusion: Where Do We Go Wrong? Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL

42. 2010 Pediatric Infectious Disease Rounds. Necrotizing Pneumonia and its interface with pleural effusion. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL
43. 2011 Pediatric Grand Rounds. Fiberoptic Bronchoscopy in Pediatric Clinical Practice. Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL
44. 2011 Hospital Grand Rounds. Cystic Fibrosis - The Disease, The New Genetics, and The future. Broward General Hospital. Fort Lauderdale, FL
45. 2012 Excel CME rounds - General Pediatrics. Cystic Fibrosis – a review. Miami, FL
46. 2014 Pediatric Grand Rounds. **Complicated Pneumonia: Necrotizing Pneumonia, Lung Abscess, and the Interface with Pleural Disease.** Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL
47. 2016 Pediatric Grand Rounds. Best Practice - Preschool wheeze & Wheezing in infancy, Department of Pediatrics. Miller School of Medicine - University of Miami. Miami, FL

National and international:

1. 1989 Pediatric Grand Rounds. Investigation and management of infant apnea. Negev Central Hospital. Beer Sheva, Israel.
2. 1989 Pediatric continuing education course of Sackler Medical School, Tel Aviv. Investigation and management of infant apnea. Beilinson Medical Center. Petah Tikva, Israel.
3. 1989 Pediatric Grand Rounds. The water-electrolyte endocrine balance in infants with bronchiolitis. Mercy Children's Hospital. Kansas City, Missouri.
4. 1989 Pediatric Grand Rounds. The water-electrolyte endocrine balance in infants with bronchiolitis. Tampa General Hospital, University of Southern Florida. Tampa, Florida.
5. 1989-90 Pediatric Pulmonology Postgraduate course. 1. Lung development. 2. Interstitial lung diseases in pediatrics. Technion-Israel Institute of Technology, Faculty of Medicine, Postgraduate Institute. Haifa, Israel.
6. 1990 The Anna Zager Annual Lecture and Pediatric Pulmonary seminar. The water-electrolyte endocrine balance in infants with bronchiolitis. Technion, Faculty of Medicine. Haifa, Israel
7. 1993 Pediatric Pulmonary rounds. Research on rhDNase in cystic fibrosis. Yale-New Haven Hospital, Yale University, New Haven, Connecticut.
8. 1993 Pulmonary Rounds. Research on rhDNase in cystic fibrosis. Hadassah University Hospital. Jerusalem, Israel.

9. 1993 Pediatric Grand Rounds. Review of advances in cystic fibrosis. Bnai Zion Medical Center, Technion Faculty of Medicine. Haifa, Israel.
10. 1994 The first National Meeting on Childhood Asthma. The Philippine Academy of Pediatric Pulmonologists. Keynote speaker. 1. Hard to treat asthma. 2. Pitfalls in the diagnosis of asthma. Manila, Philippines.
11. 1994 The Genentech meeting for Austrian cystic fibrosis physicians. New directions in the treatment of cystic fibrosis. San Francisco, California.
12. 1995 The Cyprus Medical Society. 1. Management of asthma with special emphasis on salmeterol. 2. The new science of cystic fibrosis as a model for other inherited diseases. Nicosia, Cyprus.
13. 1995 Pediatric and Newborn Medicine Grand Rounds. Overview of advances in Pediatric pulmonology. Bnai Zion Medical Center, Technion Faculty of Medicine. Haifa, Israel.
14. 1996 The Epidemiology Study of Cystic Fibrosis Annual Investigators Meeting. The use of "prophylactic" antibiotics in cystic fibrosis: Results of a survey in the Northeast USA. Orlando, Florida.
15. 1997 Pediatric Asthma Update for Primary Physicians. The treatment of chronic pediatric asthma. New England Medical Center. Tufts Medical School, Boston
16. 1998 Pulmonary rounds. Forced expiratory flow in uninfected infants and young children born to HIV infected mothers. Mott Children's Hospital, University of Michigan, Ann Arbor, MI.
17. 1998 The Cystic Fibrosis Foundation. Workshop on infant pulmonary function testing. Normative data for infant pulmonary functions - results of the Pediatric Pulmonary and Cardiovascular Complications of Vertically Transmitted Human Immunodeficiency Virus Study (P²C² HIV). Cambridge, Massachusetts.
18. 1998 Pediatric Asthma Update for Primary Care Providers. Current thinking about chronic asthma management. New England Medical Center, Tufts Medical School. Boston, Massachusetts
19. 2000 Pediatric Asthma Update for Primary Care Providers. Controversies in the Treatment of Mild Persistent Asthma: Inhaled steroids. Harvard Medical School. Boston, MA.
20. 2000 Pri-Med-Primary Medicine Today. Advances in pharmacotherapy of childhood asthma. Harvard Medical School. Boston, MA.
21. 2000 Pediatric Grand Rounds. Advances in pharmacotherapy of childhood asthma. Makarios Children's Hospital. Nicosia, Cyprus.
22. 2000 Pediatric Grand Rounds. Advances in pharmacotherapy of childhood asthma. Bnai Zion Medical Center. Haifa, Israel.
23. 2001 Pediatric Asthma Update for Primary Care Providers. Inhaled steroids in the Treatment of Mild Persistent Asthma. Harvard Medical School. Boston, MA.

24. 2001 The Annual Meeting of The Thai Association for Pediatric Respiratory and Critical Care Medicine. Keynote speaker. 1. Clinical application of pulmonary function testing. 2. Asthma vs bronchiolitis: Is it the same entity? 3. Innovative therapies in childhood asthma. 4. Can control of childhood asthma be achieved? Bangkok, Thailand.
25. 2002 International Congress of Pediatric Pulmonology. 1. Pulmonary functions in the clinical assessment of the wheezy infant. 2. Clinical Rounds - Churg-Strauss Syndrome in childhood. Nice, France.
26. 2002 Vermont Children's Hospital, University of Vermont. 1. Innovations in therapies for childhood asthma. 2. Churg-Strauss syndrome in childhood. Burlington, Vermont.
27. 2002 The 5th Annual meeting of the Taiwan Society of Pediatric Pulmonology. Infant pulmonary testing - techniques, physiologic perspectives, and clinical applications. Kaohsiung, Taiwan.
28. 2002 Pediatric Grand Rounds. Innovations in therapies of Childhood Asthma. Kaohsiung Medical University Hospital. Kaohsiung, Taiwan.
29. 2002 Pediatric Grand Rounds. Innovations in therapies of Childhood Asthma. National Cheng-Kang University Hospital, Tainan, Taiwan.
30. 2002 Pediatric Grand Rounds. Innovations in therapies of Childhood Asthma. National Taiwan University Hospital, Taipei, Taiwan.
31. 2002 Hong Kong Society of Paediatric Respiriology. 1. Bronchioitis 2002. 2. Infant pulmonary testing - techniques, physiologic perspectives, and clinical applications. 3. Innovations in therapies of Childhood Asthma. Hong Kong, China.
32. 2002 Pediatric Grand Rounds. Special breathing strategies in infancy: physiology and developmental features. Ospedale Gaslini Children's Hospital and Research Center, Genoa, Italy.
33. 2002 European Respiratory Society - Annual Congress. 1. Pediatric Grand Rounds - Three patients with CF and lung abscess. 2. Outcomes of Primary Image-Guided Drainage of Parapneumonic Effusions in Children. In the symposium on "Empyema Thoracis in childhood". Stockholm, Sweden.
34. 2002 Pri-Med-Primary Medicine Today. Innovations in treatment of childhood asthma. Harvard Medical School. Boston, MA.
35. 2003 Hong Kong Society of Paediatric Respiriology. 1. Bronchiolitis 2003. 2. Special Breathing Strategies in Infancy, physiology and developmental features. 3 Beta agonists in the treatment of childhood asthma. 4. Childhood pneumonia. Hong Kong, China.
36. 2003 Annual Pediatric Meeting of San Jorge Children's Hospital. 1. Community acquired pneumonia. 2. Updates on the treatment of childhood asthma. San Juan, Puerto Rico.
37. 2003 Chiron Symposium: Treating and monitoring of cystic fibrosis patients with early lung disease, The North American Cystic Fibrosis Annual Meetings. Antibiotic

- solution for inhalation: A study of cystic fibrosis patients with early lung disease. Anaheim, California.
38. 2003 The Annual Molly Abrano Lecture. Advances in cystic fibrosis. Lahey Clinic, Burlington, MA
 39. 2004 Pediatric Grand Rounds. Necrotizing pneumonia and pleural effusion - Clinical and therapeutic observations. St Christopher Hospital for Children. Philadelphia, PA
 40. 2004 6th International Congress of Pediatric Pulmonology. 1. "Meet the Professor" - Hemoptysis in Childhood. 2. Cases of Pediatric Bronchoscopy – an international experience. Lisbon, Portugal
 41. 2004 Pediatric Grand Rounds. Early intervention in cystic fibrosis. Department of Pediatrics Dartmouth Medical Center. Hanover, New Hampshire.
 42. 2004 International Pediatric Respiratory Allergy and Immunology Congress (IPRAIC). Debates on asthma management: The use of inhaled corticosteroids in young asthmatics is unsafe. Hong Kong, China.
 43. 2004 Hong Kong Society of Paediatric Respiriology. Necrotizing pneumonia and pleural effusion - Clinical and therapeutic observations. Hong Kong, China.
 44. 44. 2004 Pediatric Grand Rounds. Necrotizing pneumonia and pleural effusion - Clinical and therapeutic observations. Mattel Children's Hospital, University of California, Los Angeles, CA
 45. 2004 Pediatric Grand Rounds. Update on treatment of pediatric asthma. Owensboro Medical Health System, Owensboro, KY
 46. 2004 Pediatric Grand Rounds. Necrotizing pneumonia and pleural effusion - Clinical and therapeutic observations 2. Cases of Pediatric lung pathology. Bay State Medical Center. Springfield, Massachusetts
 47. 2004 The 18th Annual North American Cystic Fibrosis Conference. Effect of DHEA, IGF-I and other Nutrition-Dependent Factors on Bone Density in Patients with Cystic Fibrosis. St. Louis. MI
 48. 2004 Update on Pediatric Otolaryngology. Aerodigestive abnormalities: Work up and management. - A panel discussion. Boston, MA
 49. 2005 Masters of Pediatrics – Contemporary and Future Pediatrics. University of Miami School of Medicine. 1. Community acquired lung infection in childhood. 2. The Asthma – Infection Connection - The role of RSV bronchiolitis. Miami, FL
 50. 2005 The 5th Annual meeting of the Irish Cystic Fibrosis Society. Burkholderia cepacia - B . dolosa at Children's Hospital Boston. Killarney, Ireland
 51. 2005 International Course of Pediatric Pulmonology (ICPP). 1. HIV - the changing face of the disease in childhood. 2. Update on RSV bronchiolitis. 3. Complicated Community Acquired Pneumonia and Pleural Effusion. 4. Chest pain in children. Zarzis, Tunisia.

52. 2005 Israel Society of Pediatric Pulmonology, Winter Meeting. Churg-Strauss Syndrome in Childhood. Tel Aviv, Israel.
53. 2005 IVth International conference on Pediatric Pneumonia. 1. Uncommon bacteria in lung infection in cystic fibrosis. 2. The Asthma – Infection Connection - The role of RSV bronchiolitis. 3. Necrotizing pneumonia and pleural effusion - Clinical and therapeutic observations. Vilnius, Lithuania.
54. 2005 IInd International conference on Orphan Pulmonology. Churg-Strauss Syndrome in Childhood. Vilnius, Lithuania.
55. 2005 14th Greek Pediatric Respiratory Meeting. 1. Interstitial Pneumonia of Infancy - recent lessons. 2. Pulmonary Sequelae of Spinal Deformity Repair - The Lessons of Duchenne Muscular Dystrophy. Athens, Greece.
56. 2005 The Cyprus Pediatric Society. 1. Update on viral bronchiolitis 2. The Infection-Asthma Connection. 3. Complicated Community Acquired Pneumonia and Pleural Effusion. Nicosia, Cyprus
57. 2005 Pediatric Grand Rounds. Makarios Children's Hospital. 1. Lung Bleeding in Childhood. 2. Necrotizing pneumonia and pleural effusion - Clinical and therapeutic observations. Nicosia, Cyprus.
58. 2005 The 19th Annual North American Cystic Fibrosis Conference. Round Table Leader: Management of Mycobacterial infections. Baltimore, MD
59. 2005 The 38th Annual Meeting of the Chilean Society of Respiratory Diseases. 1. The Infection-Asthma Connection. 2. Necrotizing pneumonia and pleural effusion - Clinical and therapeutic observations. 3. Infant Pulmonary Functions. 4. Congenital Anomalies of the Lung. Puyehue, Chile
60. 2006 Masters of Pediatrics – Contemporary and Future Pediatrics. University of Miami School of Medicine. Pathophysiology of asthma. Miami, FL
61. 2006 2nd International Course of Pediatric Pulmonology (ICPP 2). 1. Infant Pulmonary Function Testing. 2. Update on RSV bronchiolitis. 3. Pediatric bronchoscopy in clinical practice. 4. Pulmonary sequelae of spinal deformity repair – The lessons of Duchenne Muscular Dystrophy. Cartagena, Colombia.
62. 2006 The 9th Annual meeting of the Taiwan Society of Pediatric Pulmonology. Necrotizing pneumonia in children and infants - clinical and therapeutic observations. Taichung, Taiwan.
63. 2006 Pediatric Grand Rounds. Pleural effusion in children. Kaohsiung Medical University Hospital. Kaohsiung, Taiwan.
64. 2006 Pediatric Grand Rounds. Why infants are at high risk for respiratory failure and what their breathing strategies to prevent it are. National Taiwan University Hospital, Taipei, Taiwan.
65. 2006 7th International Congress of Pediatric Pulmonology. 1. Pneumonia in developed countries 2. Meet the expert – Consultation Clinics. Montreal, Canada

66. 2006 Annual Meeting of the European Respiratory Society. Membranous obliterative bronchitis - a new bronchoscopic diagnosis - two cases in young children. Munich, Germany
67. 2006 Israel Society of Pediatric Pulmonology, Fall Meeting. Necrotizing Pneumonia. Tel Aviv, Israel.
68. 2007 Masters of Pediatrics – Contemporary and Future Pediatrics. University of Miami School of Medicine. Complicated Community Acquired Pneumonia. Miami, FL
69. 2007 Pulmonary Rounds. 1. Update on pleural effusion in children. 2. Special Breathing strategies in infancy. Children’s Hospital Boston/Harvard Medical School, Boston, MA
70. 2007 Pediatric Rounds. Complicated Community Acquired Pneumonia and Controversies on the Treatment of Pleural Effusion. Johann Wolfgang Goethe University of Frankfurt, Frankfurt, Germany.
71. 2007 3rd International Course of Pediatric Pulmonology (ICPP 3). 1. Infant Pulmonary Function Testing. 2. Complicated Community Acquired Pneumonia and Pleural Effusion. 3. Pediatric bronchoscopy in clinical practice. St. Jean Cap Ferrat, France.
72. 2007 The 103rd International Conference of the American Thoracic Society (ATS). Lung bleeding in infancy. San Francisco, CA
73. 2007 The Winter Meeting of the Chilean Society of Respiratory Diseases. 1. Infant Pulmonary Function Testing. 2. Why infants are at high risk for respiratory failure and what their breathing strategies to prevent it are. Santiago, Chile
74. 2007 XIV Theoretical-Practical Course in Pediatric Pulmonology. Key note speaker. 1. Update on RSV bronchiolitis 2. Necrotizing pneumonia in children. Porto Alegre, Brazil.
75. 2007 9th Pediatric Fellows Conference at CHEST 2007 - the Annual meeting of the American College of Chest Physicians. Controversies in the treatment of pleural effusion in childhood. Chicago, IL
76. 2007 The Annual Meeting of the Spanish Society of Cystic Fibrosis. Key Note Speaker: Therapies for CF - Bench to bedside; historic perspectives and novel approaches. Tenerife, Spain
77. 2007 The 31st Annual Neonatal International Symposium. 1. Management of BPD - infants after discharge. 2. Workshop: Management of BPD infants after discharge. Miami, FL
78. 2007 Pediatric Grand Rounds. Childhood pneumonia in the developed world. Department of Pediatrics. Bnai Zion Medical Center/Technion-Israel Institute of Technology. Haifa, Israel
79. 2007 Pediatric Grand Rounds. Necrotizing pneumonia. Mayer Children’s Hospital/Technion-Israel Institute of Technology. Haifa, Israel

80. 2008 Pediatric Grand Rounds. Necrotizing pneumonia and its interface with pleural effusion. West Virginia University, Morgantown, WV
81. 2008 Masters of Pediatrics – Contemporary and Future Pediatrics. University of Miami School of Medicine. 1. Bronchoscopy in Pediatric Practice. 2. Pro – Con session: VATS is the optimal treatment for childhood empyema. Miami, FL
82. 2008 MedImmune Infectious Disease Advisory Board Evaluating the Risk Factors for Severe RSV Disease. Physiology of lung development in the 32-35 weeks' GA infant population: Is there evidence of a link between this unique physiology and bronchiolitis in this population? Miami, FL
83. 2008 8th International Congress of Pediatric Pulmonology. 1. Cystic fibrosis – Emergence of new organisms – Non tuberculous mycobacteria and Burkholderia cepacia. 2. Meet the expert – Consultation Clinics. Nice, France.
84. 2008 Pediatric Grand Rounds. Makarios Children's Hospital. 1. Special Breathing Strategies in Infancy - Beyond resistance is inversely related to radius⁴ 2. Necrotizing pneumonia is an increasingly detected complication of pneumonia in children. Nicosia, Cyprus.
85. 2008 Pediatric Pulmonary Rounds. Schneider Children's Hospital, Sackler School of Medicine, Tel Aviv University. Necrotizing pneumonia in children. Tel Aviv, Israel.
86. 2008 Celebration of Pediatric Pulmonology meeting (co-sponsored by the American College of Chest Physicians and the American Academy of Pediatrics). 1. Acute Exacerbations in CF. 2. Infant PFT's - How practical? 3. Parapneumonic Effusions. Weston, FL
87. 2008 The Annual Meeting of the Philippine Academy of Pediatric Pulmonologists. Keynote speaker. 1. The Spectrum of Necrotizing Pneumonia in Children. 2. Children's Interstitial Lung Disease (Child): Integrating New Concepts and Approaches. 3. Pulmonary Manifestation of Systemic Diseases. 4. Pleural effusion in Childhood.. Baguio City, Philippines.
88. 2008 MedImmune Pulmonary Advisory Board. Physiology of lung development in the 32-35 weeks' GA infant population: Is there evidence of a link between this unique physiology and bronchiolitis in this population? Denver, CO
89. 2008 4th International Course of Pediatric Pulmonology (ICPP 4). 1. Infant Pulmonary Function Testing. 2. Bronchopulmonary Dysplasia. 3. Pediatric bronchoscopy in clinical practice. Portofino, Italy.
90. 2008 Pediatric Grand Rounds. Necrotizing pneumonia in childhood and its interface with pleural effusion. Istituto Gaslini Children's Hospital and Research Center, Genoa, Italy.
91. 2008 Pediatric Grand Rounds, Necrotizing pneumonia - an increasing complication of community acquired pneumonia in childhood. University of Florida, Gainesville, FL
92. 2008 The VIII Meeting of the Colombian Society of Pediatric Pulmonology. 1. Complicated pneumonia in childhood: Necrotizing pneumonia and the interface with

- pleural effusion. 2. RSV Bronchiolitis to asthma. 3. Flexible Bronchoscopy in pediatric practice. 4. Bronchopulmonary Dysplasia after the NICU. Pereira, Colombia
93. 2008 Pediatric Rounds – Necrotizing pneumonia and the interface with pleural effusion. Department of Pediatrics. Boston University. Boston, MA
 94. 2008 Pediatric Rounds – The Challenge of Asthma – The role of RSV bronchiolitis and the effects of late prematurity. New England Medical Center – Floating Children’s Hospital/Tufts University. Boston, MA
 95. 2008 Adult pulmonary Rounds. Emerging Infections in Cystic Fibrosis. New England Medical Center/Tufts University. Boston, MA
 96. 2008 Pediatric Grand Rounds – Pleural effusion - state of the controversy. University of Iowa. Iowa City, IA
 97. 2008 Pediatric Rounds - Necrotizing pneumonia in childhood, and its interface with pleural effusion. Department of Pediatrics, Sana-Klinikum Lichtenberg, Berlin, Germany.
 98. 2008 Pediatric Rounds - Necrotizing pneumonia in childhood, and its interface with pleural effusion. Department of Pediatrics. Charles University, Prague, Czech Republic.
 99. 2008 International Seminar on Advances in Cystic fibrosis. Therapies for CF - Bench to bedside; historic perspectives and novel approaches Cystic fibrosis research. University of Miami. Miami. FL
 100. 2008 10th Pediatric Fellows Conference at CHEST 2008 - the Annual meeting of the American College of Chest Physicians. Controversies in the treatment of pleural effusion in childhood. Philadelphia, PA
 101. 2008 The Annual Meeting of the Hong Kong Society of Paediatric Respiriology. 1. New and Important Issues in Lung Infections. 2. Chest pain in children. Hong Kong, China.
 102. 2008 Grand Rounds. Department of Pediatrics, Kwong Wah Hospital. The Chinese University of Hong Kong. Pulmonary complication in the late preterm infant. Hong Kong, China
 103. 2008 The Annual Meeting of the Argentinean Society of Pediatric Pulmonology. 1. Necrotizing Pneumonia 2. Emerging infections in CF. 3. Pharmacotherapy for asthma. 4. Pulmonary Bleeding in infancy and childhood. Salta, Argentina
 104. 2008 Pediatric/Pulmonary Rounds. 1. Non-tuberculous mycobacteria in cystic fibrosis. 2. Update on RSV. Wolfson Children’s Hospital/Nemours Children’s Hospital. Jacksonville, FL
 105. 2008 Hot Topics in Neonatology Congress. Abbott Symposium satellite: RSV Update: Current Knowledge and Emerging Prophylaxis Against Respiratory Syncytial Virus Infection. RSV Infection in The Forgotten Majority: Physiology and Epidemiology in Late Preterm Infants. Washington, DC.

106. 2009 Masters of Pediatrics – Contemporary and Future Pediatrics. University of Miami School of Medicine. 1. Necrotizing pneumonia. 2. RSV infection 2009 - Epidemiology, short and long-term pathophysiologic consideration, and new therapies. Miami, FL
107. 2009 Pediatric Pulmonary Rounds. UT Southwestern Children’s Medical Center at Dallas. Physiology and Epidemiology of Late Preterm Infants. Dallas, TX
108. 2009 LXVIII National Congress of the Mexican Society of Pulmonology and Thoracic Surgery. 1. Necrotizing pneumonia. 2. Churg-Strauss Syndrome in Children. Veracruz, Mexico
109. 2009 Pediatric Grand Rounds Safra Childrens Hospital, Sackler School of Medicine, Tel Aviv University. Necrotizing Pneumonia in Children. Tel Aviv, Israel
110. 2009 XII Brazilian Congress of Pediatric Pulmonology. 1. Necrotizing pneumonia and its interface with pleural effusions. 2. Less common and worrisome infections in CF: resistant Staph. aureus, B. cepacia complex and Mycobacteria. 3. Flexible bronchoscopy in clinical practice. 4. The Forgotten Majority – Epidemiology, physiology and respiratory morbidity of late-preterm infants. 5. Imaging methods as a clinical and therapeutic endpoint. Sao Paulo, Brazil.
111. 2009 5th International Course of Pediatric Pulmonology (ICPP 5). 1. Increased morbidity in the late-preterm infant - Physiology, epidemiology and interventions. 2. Pulmonary Hemorrhage in infants and children 3. Flexible Bronchoscopy in Clinical Practice. Athens, Greece.
112. 2009 Pulmonary Rounds. 1. Necrotizing pneumonia and its interface with pleural effusions. 2. The Forgotten Majority – Epidemiology, physiology and respiratory morbidity of late-preterm infants. Children’s Hospital Boston/Harvard Medical School, Boston, MA
113. 2009 VIth Latin American Congress of Neonatology (SIBEN). RSV infection in the forgotten majority: Physiology and epidemiology in late preterm infants. Cusco, Peru.
114. 2009 The XIII Congress of the Italian Society for Pediatric Lung Diseases. 1. Necrotizing Pneumonia. 2. H1N1 influenza. Naples, Italy
115. 2009 Pediatric Rounds. Necrotizing pneumonia and its interface with pleural effusion. Department of Pediatrics. University of Chicago. Chicago. IL
116. 2009 The Annual Meeting of the Pulmonary Society of Puerto Rico. 1. Necrotizing pneumonia and its interface with pleural effusions. 2. The Infection-asthma connection.. San Juan, Puerto Rico
117. 2010 6th International Course of Pediatric Pulmonology (ICPP 6). 1. Flexible Bronchoscopy in Pediatric Practice - A collection of routine cases and “Zebras” from around the globe. 2. Breathing Strategies in Infancy – Physiology, Developmental Features and what goes wrong with disease. 3. New perspectives on infantile interstitial pneumonia. Dubrovnik, Croatia

118. 2010 The Fall Meeting of the Chilean Society of Respiratory Diseases. 1. Churg-Strauss Syndrome in Childhood. 2. Pulmonary Hemorrhage in infants and children. Santiago, Chile
119. 2010 The 1st International Meeting of Italian Pediatrics Abroad. Necrotizing Pneumonia and its interface with pleural effusion. New York City, NY
120. 2010 Pediatric Grand Rounds. Breathing Strategies in Infancy – Physiology, Developmental Features and what goes wrong with disease. Department of Pediatrics, The Floating Hospital, Tufts University Medical School. Boston, MA
121. 2010 9th International Congress of Pediatric Pulmonology. 1. Pulmonary Hemorrhage in infants and children. 2. The Forgotten Majority – Epidemiology, physiology and respiratory morbidity of late-preterm infants. Vienna, Austria
122. 2010 X International Pediatric Congress. 1. The infection - asthma connection. 2. Special Breathing strategies in infancy: physiology and developmental features. 3. The forgotten majority - late preterm infants. Antigua, Guatemala.
123. 2010 MedImmune 2010 Global Advisory Board Meeting. Respiratory morbidity and Lung Function in Preterm Infants 32-36 Weeks Gestational age. London, UK.
124. 2010 The 35th Congress of the Brazilian Society of Pulmonology and Tisiology (SBPT). 1. The state of the controversy on the treatment of pleural effusion in children. 2. Cystic Fibrosis – State of the Art. 3. Pediatric bronchoscopy in chronic respiratory symptoms. Curitiba, Brazil.
125. 2011 Perspectives in Pediatric Cystic Fibrosis, an Educational Broadcast. Introduction – Nutrition in CF. Discussion leader. Webinar. Abbott Nutrition. Miami, FL
126. 2011 Pediatric Grand Rounds. Necrotizing pneumonia and its interface with pleural effusions. Richmond University Medical Center, Staten Island, NY
127. 2011 7th International Course of Pediatric Pulmonology (ICPP 7). 1. Necrotizing Pneumonia and its Interface with Pleural Effusion. 2. The lung in systemic diseases. 3. Bronchoscopy – Beyond the basics. Istanbul, Turkey
128. 2011 The Annual Meeting of the Israel Society of Pediatric Pulmonology. Increased Morbidity in the Late Preterm Infant - Physiology, epidemiology, and prevention. Zfat, Israel
129. 2011 The 106th International Conference of the American Thoracic Society (ATS). Workshop: Diagnostic Tests For The Pediatric Pulmonologist. Interventional Bronchoscopy. Denver, CO
130. 2011 10th International Congress of Pediatric Pulmonology. Breathing strategies in Infancy: Physiology, Developmental Features and What Goes Wrong with Disease. Versailles, France
131. 2011 Pediatric Grand Rounds. Invasive bronchoscopy. Istituto Gaslini Children's Hospital and Research Center, Genoa, Italy.

132. 2011 13th Pediatric Fellows Conference at CHEST 2011 - the Annual meeting of the American College of Chest Physicians. Increased Morbidity in the Late Preterm Infant - Physiology, epidemiology, and long-term outcome. Honolulu, HI
133. 2011 Peter Mamunes Memorial Pediatric Grand Rounds. Increased Morbidity in the Late Preterm Infant: Physiology, Epidemiology, and Long Term Outcome. Broward General Hospital. Fort Lauderdale, FL
134. 2011 Increased Partnership through Advanced Education and Dialogue (IPAEDIA). (Indian Pediatricians). Mimics of asthma with changes in age. 2. Case discussions - panelist. Dubai, United Arab Emirates.
135. 2011 Pediatric Grand Rounds. Increased Morbidity in the Late Preterm Infant: Physiology, Epidemiology, and Long Term Outcome. Makarios Children's Hospital. Nicosia, Cyprus
136. 2012 The Annual Pulmonary Meeting of the Dublin Children's Hospital. 1. Complicated Pneumonia in Childhood. 2. Increased Morbidity in the Late Preterm Infant - Physiology, epidemiology, and prevention. Dublin, Ireland
137. 2012 Pediatric Grand Rounds. La Sapienza University. Community Acquired pneumonia. Rome. Italy
138. 2012 The Centers for Disease Control (CDC) Regional Course on Research, Prevention and Management of Acute Respiratory Infection in Pediatrics. 1. Community Acquired Pneumonia. 2. Patients with influenza and underlying conditions. 3. Clinical presentation and management of invasive pneumococcal disease. Guatemala City, Guatemala
139. 2012 8th International Course of Pediatric Pulmonology (ICPP 8). 1. Chronic Lung Disease after Premature Birth - A lifelong disease. 2. Invasive Bronchoscopy – Puerto Della Cruz, Tenerife, Spain
140. 2012 The Annual Meeting of the Israel Society of Pediatric Pulmonology. Interventional bronchoscopy – the new feature of intrauterine bronchoscopy. Zfat, Israel
141. 2012 Pediatric Grand Rounds. Schneider Children's Hospital, Sackler School of Medicine, Tel Aviv University. Childhood Necrotizing Pneumonia and its Interface with Pleural Effusion. Tel Aviv, Israel.
142. 2012 Pediatric Grand Rounds. Maimonides Medical Center. Increased Morbidity in the Late Preterm Infant: Physiology, Epidemiology, and Long Term Outcome. New York, NY
143. 2012 The XVI Congress of the Italian Society for Pediatric Lung Diseases. 1. Respiratory morbidity and lung function in preterm infants of 32 to 36 weeks' gestational age. 2. New frontiers for bronchoscopy. Genoa, Italy
144. 2012 11th International Congress of Pediatric Pulmonology (CIPP XI). Fetal Bronchoscopy and its Possible Role in Altering the Natural History of Congenital Malformations of the Lung. Bangkok, Thailand
145. 2012 Pediatric Grand Rounds. Department of Pediatrics, Federico II University. Recent advances in diagnosis and treatment of pediatric airways disease. Naples, Italy

146. 2012 10th Global Experts' Meeting on Respiratory Viruses (GEM 10). 1. Community Acquired Pneumonia in the post-vaccine era. 2. Workshop on management of complicated pneumonia. Dusseldorf, Germany
147. 2012 Pediatric Grand Rounds. BPD after the NICU. Tripler Army Medical Center. Honolulu, Hawaii
148. 2012 1st St. Luke's International Conference on Pediatrics. 1. BPD after the NICU. 2. Asthma Mimics. 3. Community Acquired Pneumonia (CAP) - Trends and Complications, Manila, Philippines
149. 2012 The Annual Meeting of the Hong Kong Society of Paediatric Respiriology. 1. Management of complicated community-acquired pneumonia. 2. Corticosteroids in childhood asthma. 3. Pulmonary consequences of preterm birth. Hong Kong, China.
150. 2012 American Academy of Pediatrics (AAP) National Conference and Exhibition. 1. Clinical and Radiological Evaluation of Respiratory Disease. 2. Complicated and Recurrent Pneumonias: Causes and Masqueraders. New Orleans, LA
151. 2013 The fourth annual Butterflies for Maddie Pediatric Pulmonology lecture. Kosair Children's Hospital, University of Louisville Childhood Necrotizing. Pneumonia and its Interface with Pleural Effusion. Louisville. KY
152. 2013 Pediatric Pulmonology Rounds. Kosair Children's Hospital, University of Louisville. Fetal Bronchoscopy and its Possible Role in Altering the Natural History of Congenital Malformations of the Lung. Louisville. KY
153. 2013 III International Neonatal Meeting of Hospital De Clinicas De Porto Alegre: From Birth To Follow-Up. BPD after the NICU - En route for a Lifelong Disease. Porto Alegre, Brazil
154. 2013 Pediatric Grand Rounds. Pontificia Universidade Católica do Rio Grande do Sul (PUCRS). Community Acquired Pneumonia in the post-vaccine era. Porto Alegre, Brazil
155. Pediatric Grand Rounds. Children's Hospital Santo Antônio. Fetal Bronchoscopy and its Possible Role in Altering the Natural History of Congenital Malformations of the Lung. Porto Alegre, Brazil
156. 2013 9th International Course of Pediatric Pulmonology (ICPP 9). 1. Community acquired pneumonia in the post-vaccine era. 2. Pulmonary bleeding in infants and children. 3. Advances in the pharmacotherapy of childhood asthma. Juan les Pins, France
157. 2013 12th International Congress of Pediatric Pulmonology (CIPP XII). 1. Changing epidemiology of Childhood Pneumonia in the Era of PCV. 2. Clinical - Radiological quiz. Valencia, Spain
158. 2013 Pediatric Rounds. Hadassah Medical Center. Increased respiratory morbidity in late preterm infants. Jerusalem, Israel
159. 2013 Pediatric Rounds. Bnai Zion Medical Center/Techinon Faculty of Medicine. Novel therapies for cystic fibrosis. Haifa, Israel

160. 2013 ERS Annual Congress. Fetal bronchoscopy for treatment of congenital pulmonary anomalies. Barcelona, Spain
161. 2013 CME Grand rounds. Allegheny General Hospital. Asthma: Clearing the Way for Better Patient Outcomes. Pittsburgh, PA
162. 2014 10th International Course of Pediatric Pulmonology (ICPP 10). 1. Eosinophilic Lung Disease 2. Interventional Bronchoscopy 3. Commonalities of the Problems of the Respiratory and Nervous System in Late Preterm Infants. Lisbon. Portugal
163. 2014 The Annual Meeting of the Israel Society of Pediatric Pulmonology. Eosinophilic Lung Disease. Zfat, Israel
164. 2014 Pediatric Rounds. Rambam Medical Center/Meyer Children's Hospital/Technion - Faculty of Medicine. Epidemiology of Childhood Community Acquired Pneumonia and The Emergence of Complicated Pneumonia. Haifa, Israel
165. 2014 Pediatric Rounds. Wolfson Medical Center/Tel Aviv University Faculty of Medicine. Epidemiology of Childhood Community Acquired Pneumonia and The Emergence of Complicated Pneumonia. Tel Aviv, Israel.
166. 2014 Pediatric Rounds. Western Galilee Hospital/Bar Ilan University Faculty of Medicine. Increased morbidity in the late preterm infant - Physiology, epidemiology, and long-term outcome. Nahariya, Israel.
167. 2014 The Annual Meeting of the Philippine Academy of Pediatric Pulmonologists, Inc. (PAPP). 1. Short and long term respiratory outcomes of late preterm infants. 2. Thoracic Masses. 3. Fetal Bronchoscopy for treatment of congenital pulmonary anomalies. Cebu, Philippines
168. 2014 13th International Congress of Pediatric Pulmonology (CIPP XIII). 1. Pulmonary Hemorrhage in infants and children. 2. Clinical and Radiological Case Sessions. Bruges, Belgium
169. 2014 Research Symposium. 1. Fetal Bronchoscopy for treatment of congenital pulmonary anomalies. 2. Increased morbidity in the late preterm infant - Physiology, epidemiology, and long-term outcome. Division of Pediatric Pulmonology. Catholic University, Leuven, Belgium
170. 2014 Annual Pediatric Conference. Clinica Alemana. 1. Physiology and Respiratory Problems of Late Preterm Infants. 2. Emerging Infections and antimicrobial therapy in CF 3. Advances in Pediatric Bronchoscopy. 4. Necrotizing Pneumonia and Pulmonary Hemorrhage. . Santiago, Chile.
171. 2014 The Annual Meeting of the Hong Kong Society of Paediatric Respiriology. TBA. Hong Kong, China. 1. An overview of advances in pediatric respirology endoscopies. 2. Hands on course in flexible bronchoscopy. 3. BPD after the NICU en route for a lifelong disease. 4. RSV and HRV in the genesis of childhood asthma. Hong Kong, China.
172. 2015 "Percorsi Pediatrici Simeto – Etna", University of Catania. Flexible bronchoscopy in Clinical Practice. Catania, Italy

173. 2015 Shaare Zedek Medical Center. Pediatric Grand Rounds. Community acquired pneumonia in the era of pneumococcal vaccination. Jerusalem, Israel
174. 2015 11th International Course of Pediatric Pulmonology (ICPP 10). 1. Surfactant: Physiology, Pathology and Related Disorders. 2. Pulmonary manifestation of systemic diseases. San Jose, Costa Rica.
175. Increased Partnership through Advanced Education and Dialogue (IPAEDIA). (Indian Pediatricians). The toolbox of the pediatric Pulmonologist in the service of General Pediatrics. 2. Case discussions - panelist. Goa, India.
176. 2015 14th International Congress of Pediatric Pulmonology (CIPP XIV). 1. Developed World: Impact of Pneumococcal Conjugated Vaccine on Childhood Pneumonia. 2. Co-Chair, Clinical and Radiological Case Sessions. Krakow, Poland
177. 2015 Grand Rounds. Children's Hospital of Michigan, Wayne State University. Necrotizing Pneumonia in the era of pneumococcal conjugated Vaccine. Detroit, Michigan
178. 2015 XV International Pediatric Congress. 1. Invasive Bronchoscopy – How far can we get? 2. Mimics of asthma. Antigua, Guatemala
179. 2015 RESPICON - National Conference of the Respiratory Chapter of the Indian Academy of Pediatrics. 1. A bronchoscopist's view of the tracheobronchial tree with clinical correlation. 2. Scope of Interventional Bronchoscopy. 3. Lung physiology in diseases. 4. Best Practice - Preschool wheeze and Wheezing in infancy. Mumbai, India
180. 2016 12th International Course of Pediatric Pulmonology (ICPP 12). 1. Necrotizing Pneumonia in the era of pneumococcal conjugated Vaccine. 2. Pleura: Physiology, Pathology and Related Disorders. 3. Bronchoscopy beyond BA: Review of interventional pediatric bronchoscopy. St Jean Cap Ferrat, France.
181. 2016 Pediatric Grand Rounds. Department of Pediatrics. NYU Langone Medical Center. New York University (NYU). Breathing Strategies in Infancy: Physiology, Developmental Features and what goes wrong with disease. New York, NY
182. 2016 15th International Congress of Pediatric Pulmonology (CIPP XV). 1. Beyond Asthma: Is there a Role for Anticholinergic Agents in Other Pediatric Obstructive Airway Disease? 2. Co-Chair, Clinical and Radiological Case Sessions. Naples, Italy.
183. 2016 Abbvie Satellite Symposium: Pediatric respiratory health and viral infection – Acute and long-term effects. RSV and HRV in the genesis of childhood asthma. Naples, Italy.
185. 2016 Pediatric Grand Rounds. Department of Pediatrics, Federico II University. Best Practice - Preschool wheeze & Wheezing in infancy. Naples, Italy
186. 2016 Pediatric Grand Rounds. Lung Physiology and Lung Function Measurements in Term and Preterm Infants. Ospedale Gaslini Children's Hospital and Research Center, Genoa, Italy.

Scheduled:

1. 2016 XXIII Theoretical-Practical Course in Pediatric Pulmonology. Key note speaker.
1. Chronic cough in Children. 2. The spectrum of complicated pneumonia. Porto Alegre, Brazil.

Visiting Professorship:

1. 2000 Department of Pediatrics. Bnai Zion Medical Center. Haifa, Israel.
2. 2001 Department of Pediatrics Mahidol Hospital, Bangkok, Thailand.
3. 2002 Vermont Children's Hospital, University of Vermont. Burlington, Vermont
4. 2002 Department of Pediatrics, Kaohsiung Medical University Hospital. Kaohsiung, Taiwan, Republic of China.
5. 2002 Department of Pediatrics, National Cheng-Kang University Hospital, Tainan, Taiwan, Republic of China.
6. 2002 Department of Pediatrics, National Taiwan University Hospital, Taipei, Taiwan, Republic of China.
7. 2002 Department of Pediatrics, Kwong Wah Hospital. The Chinese University of Hong Kong, Hong Kong, China.
8. 2003 Department of Pediatrics, Kwong Wah Hospital. The Chinese University of Hong Kong, Hong Kong, China.
9. 2004 Department of Pediatrics Dartmouth Medical Center. Hanover, New Hampshire.
10. 2004 Department of Pediatrics, Kwong Wah Hospital. The Chinese University of Hong Kong, Hong Kong, China.
11. 2004 Department of Pediatrics. Bay State Medical Center. Springfield, Massachusetts
12. 2007 Children's Hospital Boston/Harvard Medical School. Boston, Massachusetts
13. 2008 West Virginia University, Morgantown, WV
14. 2008 University of Florida, Gainesville, FL
15. 2014 Kwong Wah Hospital . Hong Kong, China
16. 2015 Children's Hospital of Michigan, Wayne State University. Detroit, Michigan

International meetings chairmanship:

1. 1987 The Jerusalem International Workshop on Pediatric Pulmonology.
Chair "Unique Case Presentations". Jerusalem, Israel.
2. 1996 The XII International Cystic Fibrosis Congress. Chair "Aerosol therapy in cystic fibrosis". Jerusalem, Israel.

3. 2000 The 96th International Conference of the American Thoracic Society Facilitator "Pediatric Pulmonary Measurement Techniques".
4. 2002 5th International Congress of Pediatric Pulmonology. Co-Chair Symposium on "The Wheezy Infant". Nice, France.
5. 2002 The 25th European Cystic Fibrosis Conference. Chair "Workshop on New Therapies in Cystic Fibrosis". Genoa, Italy
6. 2004 6th International Congress of Pediatric Pulmonology. Co-Chair Symposium on Pulmonary Clinical cases. Lisbon, Portugal
7. 2005 19th Annual North American Cystic Fibrosis Conference. Co-chair Symposium on "Eradication of CF Pathogens". Baltimore, MD
8. 2005 19th Annual North American Cystic Fibrosis Conference. Moderator – Round Table "Nontuberculous mycobacteria in CF". Baltimore, MD
9. 2006 The 102nd International Conference of the American Thoracic Society (ATS). Moderator: Thematic poster session on Cystic Fibrosis. San Diego, CA
10. 2006 7th International Congress of Pediatric Pulmonology. Co-Chair, Pediatric Pulmonary Radiology Rounds. Montreal, Canada
11. 2006 Annual Meeting of the European Respiratory Society Co-Chair Post Graduate Course "Exercise testing in children". Munich, Germany
12. 2007 The 103rd International Conference of the American Thoracic Society (ATS). Lead Facilitator: Thematic poster session on Pediatric Clinical Studies. San Francisco, CA
13. 2008 8th International Congress of Pediatric Pulmonology. Co-Chair, Pediatric Pulmonary Radiology Rounds. Nice, France
14. 2008 8th International Congress of Pediatric Pulmonology. Chair, Young Investigator presentations and awards. Nice, France.
15. 2008 The 104rd International Conference of the American Thoracic Society (ATS). Lead Facilitator: Thematic poster session on Pediatric Clinical Studies. Toronto, Canada
16. 2008 European Respiratory Society, ERS 2008 Annual Congress. co-Chair, session on Diagnosis and management of chronic pulmonary aspiration in children. Berlin, Germany
17. 2008 Organizer and Chair of the University of Miami Symposium on Cystic fibrosis. University of Miami. Miami, FL
18. 2009 Organizer and Chair of the 2nd University of Miami Symposium on Cystic fibrosis. University of Miami. Miami, FL

19. 2010 The 106th International Conference of the American Thoracic Society (ATS). Facilitator: Thematic poster session on Childhood Asthma Epidemiology. New Orleans, LA
20. 2010 The 106th International Conference of the American Thoracic Society (ATS). Chair, Poster Discussion Session: Lung development and airway growth: Genes diet and infection. New Orleans, LA 2010 9th International Congress of Pediatric Pulmonology. Co-Chair: Pediatric Clinical Cases. Vienna, Austria.
21. 2010 9th International Congress of Pediatric Pulmonology. Co-Chair: Pediatric Clinical Cases. Vienna, Austria.
22. 2010 Organizer and Chair of the 3rd University of Miami Symposium on Cystic fibrosis. University of Miami. Miami. FL
23. 2011 Organizer and Chair of the 4th Robert “Budge” McKey Symposium on Cystic fibrosis. University of Miami. Miami. FL
24. 2011 President – 10th International Congress of Pediatric Pulmonology (CIPP X) – Versailles, France.
25. 2012 President – 11th International Congress of Pediatric Pulmonology (CIPP XI) – Bangkok, Thailand.
26. 2012 Organizer and Chair of the 5th Robert “Budge” McKey Symposium on Cystic fibrosis. University of Miami. Miami. FL
27. 2013 12th International Congress of Pediatric Pulmonology. Co-Chair, Pediatric Pulmonary Radiology Rounds. Valencia, Spain
28. 2013 Organizer and Chair of the 6th Robert “Budge” McKey Symposium on Cystic fibrosis. University of Miami. Miami. FL
29. 2014 13th International Congress of Pediatric Pulmonology. Chair, Multiple sessions. Bruges, Belgium
30. 2014 Organizer and Chair of the 7th Robert “Budge” McKey Symposium on Cystic fibrosis. University of Miami. Miami. FL
31. 2015 Organizer and Chair of the 8th Robert “Budge” McKey Symposium on Cystic fibrosis. University of Miami. Miami. FL
32. 2016 The 112th International Conference of the American Thoracic Society (ATS). Chair: Thematic poster discussion: Updates In Pediatric Lung Infections. San Francisco, CA
33. 2016 Organizer and co-Chair. Postgraduate course: Lung Function Testing in Infant and Young Children. Naples, Italy.
34. 2016 Organizer and co-Chair. Satellite Symposium: Advances in Cystic Fibrosis. Naples, Italy
35. 2016 Chair. Abbvie Satellite Symposium: Pediatric respiratory health and viral infection – Acute and long-term effects.

VI. TEACHING

Teaching Awards:

1. In recognition of my contribution to the education in the Pulmonary Division, the Children's Hospital with the Pulmonary Program has established the "Andrew A. Colin Pulmonary Teaching Award" at Children's Hospital Boston. (2004)
2. I became the recipient of the "Andrew A. Colin Pulmonary Teaching Award in 2004. The pool of teaching faculty was about 15. The pulmonary fellows made the choice (9 fellows at that time).
3. In recognition of my international teaching activities I received the Harvard Medical Klaus Peter International Teaching Award for 2004. The pool of candidate was the entire Faculty of Harvard Medical School. Support or the award was sought from amongst the Faculty. The final decision was made by the Harvard International Office.
4. Subsequent to receiving the International Teaching Award I became a member of the Aesculapian Club at Harvard Medical School. Candidates for membership are recipients of teaching awards at the Medical School.

Fellows Trained

Years of training	Name	Current Position
1990-1992	Randall W. Brown	Pulmonologist, University of Michigan, Ann Arbor, MI
1990-1993	Katherine King	Attending Pulmonologist Nemours DuPont Medical Center, Wilmington, Delaware
1991-1994	Catherine Sheils	Attending Pulmonologist, Boston Children's Hospital
1991-1994	Martha Fishman	Attending Pulmonologist, Boston Children's Hospital
1992-1995	David Cooper	Attending Pulmonologist, Morristown, NJ
1992-1995	Dorit Ater	Attending Pulmonologist, Sackler Medical School, Tel Aviv, Israel
1993-1995	Susan Sawyer	Professor, Chief, Adolescent Division, Melbourne, Australia
1993-1997	Annabelle Quizon	Chief, Pulmonary Division, Bay State MC, Springfield, MA
1993-1996	Peter Schochet	Pulmonologist, Plano, TX
1994-1996	Mark E. Dovey	Chief, Pulmonary Division, St. Christopher Hospital for Children, Philadelphia, PA

1996-1999	Carolyn L. Cannon	Attending Pulmonologist, Emory University, Atlanta, GA
1997-2000	Oren Lakser	Attending Pulmonologist, University of Chicago, Chicago, IL
1997-2000	Robert Lindeman	Pediatrician, Framingham, MA
1997-2000	Ann R. Cullen	Neonatologist, Dublin, Ireland
1998-2001	Dubhfeasa Slattery	Attending Pulmonologist, Children's Hospital, Dublin, Ireland
1999-2002	Debra Boyer	Attending Pulmonologist, Boston Children's Hospital
1999-2003	Sami Al-Majed	Chief, Pulmonary and ICU services, Dahran, Saudi Arabia
2000-2004	Lawrence Rhein	Attending in Newborn Medicine and Pulmonary Medicine, Boston Children's Hospital
2001-2004	Yadira Rivera-Sanchez	Attending Pulmonologist, Dallas Children's Hospital, Dallas , TX
2001-2004	Dawn Simon	Attending Pulmonologist, Emory University, Atlanta, GA
2001-2005	Meera Subramaniam	Attending Pulmonologist, Boston Children's Hospital
2001-2005	Christopher Hug	Attending Pulmonologist, Boston Children's Hospital
2002-2005	Eman Al-Khadra	Attending Pulmonologist, Boston Children's Hospital, Cincinnati, OH
2001-2005	Dennis Rosen	Attending Pulmonologist, Co-Director Sleep Lab, Boston Children's Hospital Hospital
2003-2005	Ahmet Uluer	Attending Pulmonologist, Director, Adult CF Service. Boston Children's Hospital
2003-2005	Robyn Cohen	Chief, pediatric Pulmonology, Boston University, Boston, MA
2003-2005	Jason Lang	Attending Pulmonologist, Nemours Children's Hospital, Orlando, FL
2004-2005	Robert Lim	Federal Drug Administration, Washington, DC
2004-2005	Gregory Sawicki	Attending, Pulmonologist, Boston Children's Hospital
2005-2006	Lida Mohtasham	Attending Pulmonologist, Children's Hospital of Philadelphia. Philadelphia, PA
2005-2006	Silvia Cardenas	Attending Pulmonologist, University of West Virginia,

2005-2007	Fernando Urrego	Morgantown, WV Attending Pulmonologist, Ochsner Clinics, New Orleans, LA
2006-2009	Tarig Ali-Dinar	Attending Pulmonologist, University of Miami, Miami, FL
2007-2010	Alicia Della Volpe	Attending Pulmonologist Nemours Hospital, Pensacola, FL
2007-2010	Mitra Shafieian	Attending Pulmonologist, University of Miami, Miami, FL
2008-2011	Shatha Yousef	Attending Pulmonologist, University of Miami. Miami, FL

Overseas Fellows trained

1993-1994	Sophie Ravilly	Medical Director, French CF Foundation, Paris, France
2003-2005	Frank Lu	Chief, Critical Care Unit, National University of Taiwan, Taipei, Taiwan

For detailed contribution to overseas fellow training please refer to Appendix on international activities.

VII. SERVICE

Major Administrative Responsibilities.

1974-75	Medical Officer in charge of medical military unit, Israel Medical Corps (Army and Air Force).
1975-90	Captain, Reserve forces of the Israel Medical Corps (30-60 days/year). Honorable discharge, 1994.
1980-84 and 1986-90 1981-83	Director, Pediatric Respiratory Clinic, Haifa Medical Center (Rothschild), Haifa, Regional Medical Director of Northern Israel, Youth Aliya (Aliyat Hanoar) - Adolescent Education Institutes.
1983-84 1983-85	Medical Officer in charge of absorption of Ethiopian Youth at Youth Aliya
1983-86	(Aliyat Hanoar)- Adolescent Education Institutes.
1987-90	Co-Director, The Jacobo Lichtman Infant Apnea Investigation Center. Haifa Medical Center
1989-90	Director, Pediatric Bronchoscopy Service. Haifa Medical Center, Haifa, Israel.
1987-90	Associate Chief, Department of Pediatrics, Haifa Medical Center (Rothschild), Haifa, Israel
1998-2004	Clinical Director, Division of Respiratory Medicine, Children's Hospital, Boston

1998-2005	Mary Ellen Avery Pulmonary Team Chief, Department of Medicine, Children's Hospital.
1998-2005	Director of Pulmonary Clinical Rotation, Children's Hospital-Boston Medical Center - Combined Residency Program.
1999-2005	Director, Commonwealth of Massachusetts sponsored Tuberculosis clinic, Children's Hospital.
2004-2005	Clinical Chief, Associate Division Chief, Division of Respiratory Medicine, Children's Hospital, Boston
10/2005	Director, Division of Pediatric Pulmonology, Miller School of Medicine, University of Miami, Miami, FL
2005-Pres	Director, Pediatric Pulmonary Training Program, Division of Pediatric Pulmonology, University of Miami, Miller Medical School. Miami, Florida

Major Committee Assignments:

Children's Hospital Boston

1990-93	
1996-98	Committee on Quality Improvement
1994	Committee on Outpatient Clinical Services
1994	Committee on Clinical Practice Guidelines for asthma in the Emergency Department
1995-2005	Committee on Clinical Practice Guidelines for Inpatient asthma
1995-2005	Chair, Committee on Clinical Practice Guidelines for Cystic Fibrosis
1998-2005	Library Committee
1997-2000	Department of Medicine, Steering Committee for the clinical reorganization
1998-2005	Committee on Quality Improvement
1998-2005	Team Chiefs Committee
1998-2005	Residency Rotation Directors Committee. Children's Hospital-Boston Medical Center - Combined Residency Program.
1999-2000	Department of Medicine, Committee on Post Graduate Education
2003-2005	Committee on Perioperative Care Initiatives
2004-2005	Asthma Advocacy Committee.
2004-2005	Physician Leadership Committee (PLC)
2004-2005	Chair, Search Committee for Pulmonary Sleep Lab
2004-2005	Department of Medicine, Physician Incentive Committee
2005	Committee on Clinical Practice Guidelines for Pleural Effusion

Miller School of Medicine, University of Miami

10/2005-pres	Executive Committee, Department of Pediatrics
2005	Committee on Graduate Medical Education
2006	Committee on Fellowship Research Training
2006	General Advisory Committee

- 2010-pres External Member, Scholarship Oversight Committee – Department of Newborn Medicine, Miller School of medicine.
- 2012-pres University of Miami Committee for Faculty Appointment, Promotion and Tenure.
- 2012-2015 University of Miami's Academic Personnel Board (APB)

National/International

- 1999 Member of the ERS/ATS Task Force on Standardization of Infant Pulmonary Function Testing.
- 2000 Advisory Board, International Relations Committee, American Thoracic Society.
- 2002 Special session of the Advisory Board of the Hong Kong Society of Paediatric Respiriology on Pediatric Pulmonary Subspecialty Boards.
- 2004 Advisory Board of the Hong Kong Society of Paediatric Respiriology on Pediatric Pulmonary Subspecialty Boards.
- 2005-pres US Pediatric Pulmonology Training Program Directors Association (PEPTDA)
- 2005 Planning Committee, International course of Pediatric Pulmonology (ICPP 2)
- 2005 American Thoracic Society (ATS) Task Force on Primary Ciliary Dyskinesia in Childhood.
- 2006-2010 American Thoracic Society, Pediatric Program Committee - ATS 2007
- 2006-Pres Planning Committee, International course of Pediatric Pulmonology (ICPP 2 - 7)
- 2006-Pres Central Organizing Committee, International Congress of Pediatric Pulmonology (CIPP VIII, IX, X)
- Chair, Abstract and Award Committee – CIPP VIII – Nice, France (2008)
- Chair, Scientific Program Committee – CIPP IX – Vienna, Austria (2010)
- CIPP president – CIPP X – Paris, France (2011)
- CIPP president – CIPP XI – Bangkok, Thailand (2012)
- 2010 American Thoracic Society (ATS), Nominating Committee
- 2008-pres American Thoracic Society (ATS), Working Group on Infant and Young Children Pulmonary Function Testing
- 2010 US News and World Report - Best Children's Hospitals - Pulmonology working group
- 2012 International Advisory Editorial Board – Journal of Pediatric Respiratory Diseases (Official Journal of the Society of Pediatric Pulmonology, Taiwan)
- 2015 European Respiratory Society (ERS) Task Force "Long term management of bronchopulmonary dysplasia" (TF-2015-18).
- 2016 American Thoracic Society (ATS). Member, Pediatric International Relations Committee.

Industry

- 1993-98 Genentech, Inc., San Francisco, CA. North American Advisory Group of the Epidemiologic study of Cystic Fibrosis
- 2002 Sepracor Inc., Marlborough, MA. Xopenex National Advisory Board
- 2005 EarlySense. Ltd., Tel Aviv, Israel Early detection of asthma project. Advisory Board.
- 2008 MedImmune, Inc. Chair, Advisory Board. Lung Development in Late Preterm Infant.

Community Service Related to Professional Work (pro bono):

- 1991-1996 Pulmonary consultant. Children's Hospital Extended Care Facility, Groton, MA (Children with special needs)
- 1996-2005 Volunteer physician. Boston Jewish Medically Uninsured Project. Jewish Family & Children's Services. Boston, MA.
- 1997-2005 Medical Advisory Board (Pro Bono). The Cotting School, Lexington, MA. (Children with special needs)
- 1998-2005 Lectures to parent support groups of patients with cystic fibrosis. Massachusetts.
- 1997-2005 Lectures for local chapters of the American Lung Association.
- 2007 Meeting with parent group of Children with CF – Porto Alegre, Brazil
- 2008-2016 Initiator and Organizer of the annual meeting for parents of children with CF in South Florida. Nova University, Davie, Florida.
- 2016 The Cystic Fibrosis Foundation. South Florida Chapter's Annual Volunteer Thank-you Reception. Talk - Review of the Science of cystic fibrosis.
- 2016 Delegate - 2016 Cystic Fibrosis Foundation Volunteer Leadership Conference. Washington, DC