Stanford

Carlos Milla

Professor of Pediatrics (Pulmonary Medicine) at the Lucile Salter Packard Children's Hospital

Pediatrics - Pulmonary Medicine

Curriculum Vitae available Online

CLINICAL OFFICES

- **Pediatric Pulmonary and Cystic Fibrosis Clinic**

  770 Welch Rd Ste 380

  1st Fl MC 5882

  Palo Alto, CA 94304

  Tel (650) 724-4788 **Fax** (650) 497-8791

ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

  Lara Vastano - Administrative Associate

  Email lvastano@stanford.edu

  Tel 650-725-8188

Bio

CLINICAL FOCUS

- Cystic Fibrosis
- Primary Ciliary Dyskinesia
- Bronchopulmonary Dysplasia
- Pulmonary Hypertension
- Rare Lung Diseases
- Pediatric Lung and Heart-Lung Transplantation
- Pediatric Pulmonary

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Pediatrics - Pulmonary Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Associate Director for Translational Research, Center for Excellence in Pulmonary Biology, Stanford University, (2016- present)
- Director, The Stanford Cystic Fibrosis Center, (2009- present)

HONORS AND AWARDS

- Magister in Pediatric Pulmonary Medicine, Latin American Pediatric Pulmonology Society (SOLANEP) (2018)
- Distinguished Service Award, CF Therapeutics Development Network, Cystic Fibrosis Foundation (2016)
- CF Caregiver of the Year Award, CF Research Inc. (CFRI) (2014)
- Crandall Endowed Scholar in Pediatric Pulmonary Medicine, Stanford University School of Medicine (2007)
- Annalisa Marzotto Endowed Chair in Cystic Fibrosis Care, University of Minnesota Medical School (2005)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Pulmonary, American Board of Pediatrics (1996)
- Fellowship: University of Minnesota School of Medicine Registrar (1995) MN
- Residency: SUNY at Brooklyn School Of Medicine (1992) NY
- Internship: SUNY at Brooklyn School Of Medicine (1990) NY
- Medical Education: Universidad Peruana Cayetano Heredia (1986) Peru

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research interests have centered on the inflammatory responses that lead to airway disease in Cystic Fibrosis (CF) and the metabolic factors that contribute to CF lung disease progression. Current efforts are focused on the understanding of the early events that drive the development of lung disease through the study of infants with CF identified by newborn screening. This includes the development of new diagnostic tools that permit the early detection of lung disease manifestations.

CLINICAL TRIALS

- Feasibility of a Mobile Medication Plan Application in CF Patient Care, Recruiting
- Long-term Study in US Cystic Fibrosis Patients Receiving Digestive Enzyme Supplements to Assess Narrowing of the Large Intestine Causing Adverse Intestinal Symptoms (Fibrosing Colonopathy), Recruiting
- G551D Observational Study- Expanded to Additional Genotypes and Extended for Long Therm Follow up (GOAL-e2), Not Recruiting
- Long-term Lung Function and Disease Progression in Children With Early Onset Primary Ciliary Dyskinesia Lung Disease, Not Recruiting
- Rare Genetic Disorders of the Breathing Airways, Not Recruiting
- Study of Lumacaftor in Combination With Ivacaftor in Subjects 6 Through 11 Years of Age With Cystic Fibrosis, Homozygous for the F508del-CFTR Mutation, Not Recruiting

Publications

PUBLICATIONS

- **Ciliary Localization of the Intraflagellar Transport Protein IFT88 Is Disrupted in Cystic Fibrosis.** *American journal of respiratory cell and molecular biology*
  Stevens, E. M., Vladar, E. K., Alanin, M. C., Christensen, S. T., von Buchwald, C., Milla, C.
  2020; 62 (1): 120–23
- **Natural Perspiration Sampling and in Situ Electrochemical Analysis with Hydrogel Micropatches for User-Identifiable and Wireless Chemo/Biosensing.** *ACS sensors*
  Lin, S., Wang, B., Zhao, Y., Shih, R., Cheng, X., Yu, W., Hojaiji, H., Lin, H., Hoffman, C., Ly, D., Tan, J., Chen, Y., Di Carlo, et al
  2019
- **Proof of concept for identifying cystic fibrosis from perspiration samples.** *Proceedings of the National Academy of Sciences of the United States of America*
  Zhou, Z., Alvarez, D., Milla, C., Zare, R. N.
  2019
- **PF BACTERIOPHAGE BURDEN IN AIRWAY IS ASSOCIATED WITH FEV1 CHANGE IN PATIENTS WITH CYSTIC FIBROSIS AND PSEUDOMONAS INFECTION**
  Burgener, F. B., Sweere, J., Bach, M. S., Secor, P. R., Bollyky, P. L., Milla, C.
  WILEY.2019: S306
- **Filamentous bacteriophages are associated with chronic Pseudomonas lung infections and antibiotic resistance in cystic fibrosis** *SCIENCE TRANSLATIONAL MEDICINE*
  Burgener, E. B., Sweere, J. M., Bach, M. S., Secor, P. R., Haddock, N., Jennings, L. K., Marvig, R. L., Johansen, H., Rossi, E., Cao, X., Tian, L., Nedelec, L., Molin, et al
  2019; 11 (488)

- **Primary Ciliary Dyskinesia: Longitudinal Study of Lung Disease by Ultrastructure Defect and Genotype** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
  Davis, S. D., Rosenfeld, M., Lee, H., Ferkol, T. W., Sagel, S. D., Dell, S. D., Milla, C., Pittman, J. E., Shapiro, A. J., Sullivan, K. M., Nykamp, K. R., Krischer, J. P., Zariwala, et al
  2019; 199 (2): 190–98

- **Filamentous bacteriophages are associated with chronic Pseudomonas lung infections and antibiotic resistance in cystic fibrosis.** *Science translational medicine*
  Burgener, E. B., Sweere, J. M., Bach, M. S., Secor, P. R., Haddock, N., Jennings, L. K., Marvig, R. L., Johansen, H. K., Rossi, E., Cao, X., Tian, L., Nedelec, L., Molin, et al
  2019; 11 (488)

- **New Algorithm for the Integration of Ultrasound Into Cystic Fibrosis Liver Disease Screening.** *Journal of pediatric gastroenterology and nutrition*
  Sellers, Z. M., Lee, L. W., Barth, R. A., Milla, C.
  2019; 69 (4): 404–10

- **High-Efficiency, Selection-free Gene Repair in Airway Stem Cells from Cystic Fibrosis Patients Rescues CFTR Function in Differentiated Epithelia.** *Cell stem cell*
  Vaidyanathan, S., Salahudeen, A. A., Sellers, Z. M., Bravo, D. T., Choi, S. S., Batish, A., Le, W., Baik, R., de la O, S., Kaushik, M. P., Galper, N., Lee, C. M., Teran, et al
  2019

- **Salivary thiocyanate as a biomarker of Cystic Fibrosis Transmembrane Regulator function.** *Analytical chemistry*
  Malkovskiy, A. V., Yacob, A. A., Dunn, C. E., Zirbes, J. M., Ryan, S. P., Bollyky, P. L., Rajadas, J., Milla, C. E.
  2019

- **Impact of Residential Distance on Lung Function in the Adult Cystic Fibrosis Population: A Single Center Study**
  Marmor, M., Hernandez, C., Dhillon, G. S., Rehkopf, D., Milla, C. E.
  AMER THORACIC SOC.2019

- **Age-related heterogeneity in dental caries and associated risk factors in individuals with cystic fibrosis ages 6-20 years: A pilot study** *JOURNAL OF CYSTIC FIBROSIS*
  Chi, D. L., Rosenfeld, M., Mancl, L., Chung, W. O., Presland, R. B., Sarvas, E., Rothen, M., Alkhateeb, A., McNamara, S., Genatossio, A., Virella-Lowell, I., Milla, C., Scott, et al
  2018; 17 (6): 747–59

- **Elafin Treatment Rescues EGFR-Klf4 Signaling and Lung Cell Survival in Ventilated Newborn Mice.** *American journal of respiratory cell and molecular biology*
  Alejandre Alcazar, M. A., Kaschwich, M., Ertsey, R., Preuss, S., Milla, C., Mujahid, S., Masumi, J., Khan, S., Mokres, L. M., Tian, L., Mohr, J., Hirani, D. V., Rabinovitch, et al
  2018; 59 (5): 623–34

- **BREVENAL INCREASES CILIARY BEAT FREQUENCY AND PARTICLE DIFFUSION IN AIRWAY SURFACE LIQUID OF CYSTIC FIBROSIS HUMAN BRONCHIAL EPITHELIAL CELLS WITH NONSENSE MUTATIONS**
  Cohen, Milla, C., Salathe, M., Baumlin, N., Chung, S., Bourdelais, A., Baden, D.
  WILEY.2018: 253

- **ABNORMAL BASAL CELLS UNDERLIE EPITHELIAL DSYFUNCTION IN CYSTIC FIBROSIS**
  Vladar, E. K., Milla, C., Axelrod, J. D.
  WILEY.2018: 175

- **DEFINING THE CLINICAL UTILITY OF THE LUNG CLEARANCE INDEX**
  Zirbes, J. M., Alvarez, D., Ryan, S. P., Milla, C.
  WILEY.2018: 248

- **PF BACTERIOPHAGE IN PATIENTS WITH CYSTIC FIBROSIS IS ASSOCIATED WITH CHRONIC PSEUDOMONAS INFECTION**
  Burgener, E. B., Sweere, J. M., Secor, P. R., Bollyky, P. L., Milla, C.
  WILEY.2018: 281

- **LUNG HEALTH RISK BEHAVIORS AND PERCEPTIONS IN ADOLESCENTS AND YOUNG ADULTS WITH CYSTIC FIBROSIS**
  Hamberger, E., Halpern-Felsher, B., Milla, C.

WILEY.2018: 64–65

- **NEW DEVELOPMENTS IN THE ASSESSMENT OF LUNG FUNCTION IN CF PATIENTS**
  Milla, C.
  WILEY.2018: 138–40

- **Tear Down this Wall: Diversity and Disparities in Cystic fibrosis.** *American journal of respiratory and critical care medicine*
  Buu, M. C., Milla, C. E.
  2018

- **KB001-A, a novel anti-inflammatory, found to be safe and well-tolerated in cystic fibrosis patients infected with Pseudomonas aeruginosa** *JOURNAL OF CYSTIC FIBROSIS*
  Jain, R., Beckett, V. V., Konstan, M. W., Accurso, F. J., Burns, J. L., Mayer-Hamblett, N., Milla, C., VanDevanter, D. R., Chmiel, J. F., KB001-A Study Grp
  2018; 17 (4): 484–91

- **Ivacaftor restores CFTR-dependent sweat gland fluid secretion in cystic fibrosis subjects with S945L alleles** *JOURNAL OF CYSTIC FIBROSIS*
  Kim, J., Davies, Z., Dunn, C., Wine, J. J., Milla, C.
  2018; 17 (2): 179–85

- **Progress in Definition, Prevention and Treatment of Fungal Infections in Cystic Fibrosis** *MYCOPATHOLOGIA*
  Schwarz, C., Hartl, D., Eickmeier, O., Hector, A., Benden, C., Durieu, I., Sole, A., Gartner, S., Milla, C. E., Barry, P.
  2018; 183 (1): 21–32

- **Diffuse Large Pulmonary Nodules in a Young Child: Is It Always Metastatic?**
  Burgener, E. B., Milla, C. E.
  AMER THORACIC SOC.2018

- **Sweat rate analysis of ivacaftor potentiation of CFTR in non-CF adults.** *Scientific reports*
  Kim, J., Farahmand, M., Dunn, C., Milla, C. E., Horii, R. I., Thomas, E. A., Moss, R. B., Wine, J. J.
  2018; 8 (1): 16233

- **Primary Ciliary Dyskinesia: Longitudinal Study of Lung Disease Progression by Ultrastructural Defect and Genotype**
  Davis, S. D., Rosenfeld, M., Lee, H., Ferkol, T. W., Sagel, S. D., Dell, S. D., Milla, C. E., Zariwala, M. A., Knowles, M. R., Leigh, M. W., Genetic Disorders Mucociliary
  AMER THORACIC SOC.2018

- **The Natural History of Declining Pulmonary Function in Children with Duchenne Muscular Dystrophy**
  Withers, A. L., Wilson, A. C., Buu, M., Milla, C. E., Zirbes, J. M., Hall, G. L.
  AMER THORACIC SOC.2018

- **Home Monitoring of Patients with Cystic Fibrosis to Identify and Treat Acute Pulmonary Exacerbations eICE Study Results** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
  Lechtzin, N., Mayer-Hamblett, N., West, N. E., Allgood, S., Wilhelm, E., Khan, U., Aitken, M. L., Ramsey, B. W., Boyle, M. P., Mogayzel, P. J., Gibson, R. L., Orenstein, D., Milla, et al
  2017; 196 (9): 1144–51

- **Lung clearance index is sensitive to small airway disease in pediatric lung transplant recipients** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Kao, J. E., Zirbes, J. M., Conrad, C. K., Milla, C. E.
  2017; 36 (9): 980–84

- **Autonomous sweat extraction and analysis applied to cystic fibrosis and glucose monitoring using a fully integrated wearable platform** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Emaminejad, S., Gao, W., Wu, E., Davies, Z. A., Nyein, H. Y., Challa, S., Ryan, S. P., Fahad, H. M., Chen, K., Shahpar, Z., Talebi, S., Milla, C., Javey, et al
  2017; 114 (18): 4625-4630

- **The magnitude of ivacaftor effects on fluid secretion via R117H-CFTR channels: Human in vivo measurements** *PLOS ONE*
  Char, J. E., Dunn, C., Davies, Z., Milla, C., Moss, R. B., Wine, J. J.
  2017; 12 (4)

- **Lumacaftor/Ivacaftor in Patients Aged 6-11 Years with Cystic Fibrosis and Homozygous for F508del-CFTR** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*

Milla, C. E., Ratjen, F., Marigowda, G., Liu, F., Waltz, D., Rosenfeld, M.
2017; 195 (7): 912-920

- **Cystic Fibrosis Transmembrane Conductance Regulator-Related Metabolic Syndrome and Cystic Fibrosis Screen Positive, Inconclusive Diagnosis** *JOURNAL OF PEDIATRICS*
  Ren, C. L., Borowitz, D. S., Gonska, T., Howenstine, M. S., Levy, H., Massie, J., Milla, C., Munck, A., Southern, K. W.
  2017; 181: S45-+

- **Corrections to an ATS Workshop Report on Multiple-Breath Washout Testing for Patients with Cystic Fibrosis.** *Annals of the American Thoracic Society*
  Subbarao, P., Milla, C. E., Morgan, W. J., Ratjen, F.
  2017; 14 (1): 145-?

- **Efficacy and safety of lumacaftor and ivacaftor in patients aged 6-11 years with cystic fibrosis homozygous for F508del-CFTR: a randomised, placebo-controlled phase 3 trial.** *The Lancet. Respiratory medicine*
  Ratjen, F., Hug, C., Marigowda, G., Tian, S., Huang, X., Stanojevic, S., Milla, C. E., Robinson, P. D., Waltz, D., Davies, J. C.
  2017; 5 (7): 557–67

- **Efficacy and safety of lumacaftor and ivacaftor in patients aged 6–11 years with cystic fibrosis homozygous for F508del-CFTR: a randomised, placebo-controlled phase 3 trial** *Lancet Respiratory Medicine*
  Ratjen, F., Hug, C., Marigowda, G., Tian, S., Huang, X., Stanojevic, S., Milla, C. E., Robinson, P. D., Waltz, D., Davies, J. C.
  2017; 5 (7): 557–67

- **Implementation of Depression Screening and Global Health Assessment in Pediatric Subspecialty Clinics.** *The Journal of adolescent health : official publication of the Society for Adolescent Medicine*
  Iturralde, E., Adams, R. N., Barley, R. C., Bensen, R., Christofferson, M., Hanes, S. J., Maahs, D. M., Milla, C., Naranjo, D., Shah, A. C., Tanenbaum, M. L., Veeravalli, S., Park, et al
  2017

- **Lumacaftor/Ivacaftor in Patients Aged 6-11 Years With Cystic Fibrosis Homozygous for F508del-CFTR.** *American journal of respiratory and critical care medicine*
  Milla, C. E., Ratjen, F., Marigowda, G., Liu, F., Waltz, D., Rosenfeld, M.
  2016: -?

- **PHASE 1 INITIAL RESULTS EVALUATING SAFETY, TOLERABILITY, PK AND BIOMARKER DATA USING PTI-428, A NOVEL CFTR MODULATOR, IN PATIENTS WITH CYSTIC FIBROSIS**
  Mouded, M., Layish, D., Sawicki, G. S., Milla, C., Flume, P. A., Tolle, J., Vansaghi, L., Watson, C., Munoz, B., Bhalla, A., Ivarsson, M., Lee, P.
  WILEY-BLACKWELL.2016: 262–63

- **Evaluating Outcomes Disparities in the Hispanic Cystic Fibrosis Population A Need for a National Analysis Response** *CHEST*
  Buu, M. C., Milla, C. E., Wise, P. H.
  2016; 150 (3): 753

- **Airway epithelial homeostasis and planar cell polarity signaling depend on multiciliated cell differentiation.** *JCI insight*
  Vladar, E. K., Nayak, J. V., Milla, C. E., Axelrod, J. D.
  2016; 1 (13)

- **Airway epithelial homeostasis and planar cell polarity signaling depend on multiciliated cell differentiation** *JCI INSIGHT*
  Vladar, E. K., Nayak, J. V., Milla, C. E., Axelrod, J. D.
  2016; 1 (13)

- **Sweat chloride testing: controversies and issues.** *The Lancet. Respiratory medicine*
  Kharrazi, M., Milla, C., Wine, J.
  2016; 4 (8): 605-607

- **Clinical Features and Associated Likelihood of Primary Ciliary Dyskinesia in Children and Adolescents.** *Annals of the American Thoracic Society*
  Leigh, M. W., Ferkol, T. W., Davis, S. D., Lee, H., Rosenfeld, M., Dell, S. D., Sagel, S. D., Milla, C., Olivier, K. N., Sullivan, K. M., Zariwala, M. A., Pittman, J. E., Shapiro, et al
  2016; 13 (8): 1305-1313

- **The evolving spectrum of ciliopathies and respiratory disease** *CURRENT OPINION IN PEDIATRICS*
  Milla, C. E.

2016; 28 (3): 339-347

- **RASA1 somatic mutation and variable expressivity in capillary malformation/arteriovenous malformation (CM/AVM) syndrome.** *American journal of medical genetics. Part A*
  Macmurdo, C. F., Wooderchak-Donahue, W., Bayrak-Toydemir, P., Le, J., Wallenstein, M. B., Milla, C., Teng, J. M., Bernstein, J. A., Stevenson, D. A.
  2016; 170 (6): 1450-1454

- **Assessing Differences in Mortality Rates and Risk Factors Between Hispanic and Non-Hispanic Patients With Cystic Fibrosis in California** *CHEST*
  Buu, M. C., Sanders, L. M., Mayo, J. A., Milla, C. E., Wise, P. H.
  2016; 149 (2): 380-389

- **Diagnosis, monitoring, and treatment of primary ciliary dyskinesia: PCD foundation consensus recommendations based on state of the art review.** *Pediatric pulmonology*
  Shapiro, A. J., Zariwala, M. A., Ferkol, T., Davis, S. D., Sagel, S. D., Dell, S. D., Rosenfeld, M., Olivier, K. N., Milla, C., Daniel, S. J., Kimple, A. J., Manion, M., Knowles, et al
  2016; 51 (2): 115-132

- **Circulating Elastase Confers A High Risk For The Development Of Bronchiolitis Obliterans Syndrome**
  Milla, C. E., Zirbes, J. M., Yacob, A., Tian, L., Zamanian, R. T., Bental-Roof, M., Bland, R., Rabinovitch, M., Dhillon, G., Nicolls, M.
  AMER THORACIC SOC.2016

- **Clinical Features And Associated Likelihood Of Primary Ciliary Dyskinesia In Adults**
  Sullivan, K. M., Daniels, M., Atkinson, J. J., Ferkol, T. W., Hall, D., Lee, H., Metjian, H., Olivier, K. N., Rosenfeld, M., Milla, C. E., Zariwala, M., Sagel, S. D., Carson, et al
  AMER THORACIC SOC.2016

- **Respiratory Microbiology In Primary Ciliary Dyskinesia: Comparisons To A Pediatric Cystic Fibrosis Cohort**
  Tracy, M. C., Zirbes, J. M., Hernandez, C., Cornfield, D. N., Milla, C. E.
  AMER THORACIC SOC.2016

- **Dna Extraction From Cystic Fibrosis Sputum Samples Is Not Method Dependent**
  Tracy, M. C., Yacob, A., Chen, C., Milla, C. E., Cornfield, D. N.
  AMER THORACIC SOC.2016

- **Evaporimeter and Bubble-Imaging Measures of Sweat Gland Secretion Rates.** *PloS one*
  Kim, J., Farahmand, M., Dunn, C., Davies, Z., Frisbee, E., Milla, C., Wine, J. J.
  2016; 11 (10)

- **Inhaled ß2-Agonist Therapy Increases Functional Residual Capacity in Mechanically Ventilated Children With Respiratory Failure.** *Pediatric critical care medicine*
  Ramsi, M. A., Henry, M., Milla, C. E., Cornfield, D. N.
  2015; 16 (7): e189-93

- **Multiple-Breath Washout as a Lung Function Test in Cystic Fibrosis. A Cystic Fibrosis Foundation Workshop Report.** *Annals of the American Thoracic Society*
  Subbarao, P., Milla, C., Aurora, P., Davies, J. C., Davis, S. D., Hall, G. L., Heltshe, S., Latzin, P., Lindblad, A., Pittman, J. E., Robinson, P. D., Rosenfeld, M., Singer, et al
  2015; 12 (6): 932-939

- **Recent advances in cystic fibrosis** *CURRENT OPINION IN PEDIATRICS*
  Milla, C. E., Moss, R. B.
  2015; 27 (3): 317-324

- **Lung matrix and vascular remodeling in mechanically ventilated elastin haploinsufficient newborn mice.** *American journal of physiology. Lung cellular and molecular physiology*
  Hilgendorff, A., Parai, K., Ertsey, R., Navarro, E., Jain, N., Carandang, F., Peterson, J., Mokres, L., Milla, C., Preuss, S., Alcazar, M. A., Khan, S., Masumi, et al
  2015; 308 (5): L464-78

- **Clinical features of childhood primary ciliary dyskinesia by genotype and ultrastructural phenotype.** *American journal of respiratory and critical care medicine*
  Davis, S. D., Ferkol, T. W., Rosenfeld, M., Lee, H., Dell, S. D., Sagel, S. D., Milla, C., Zariwala, M. A., Pittman, J. E., Shapiro, A. J., Carson, J. L., Krischer, J. P., Hazucha, et al

2015; 191 (3): 316-324

- **Pulmonary nocardiosis in an immunocompetent patient with cystic fibrosis.** *Case reports in pulmonology*
  Schoen, L., Santoro, J. D., Milla, C., Bhargava, S.
  2015; 2015: 984171-?

- **Assessing differences in mortality rates and risk factors between Hispanic and non-Hispanic patients with cystic fibrosis in California.** *Chest*
  Buu, M. C., Sanders, L. M., Mayo, J., Milla, C. E., Wise, P. H.
  2015

- **Prevalence Of Airway Microbial Flora In Primary Ciliary Dyskinesia**
  Chang, H., Adjemian, J., Dell, S. M., Ferkol, T. W., Leigh, M. W., Milla, C. E., Rosenfeld, M., Sagel, S. D., Knowles, M. R., Olivier, K. N.
  AMER THORACIC SOC.2015

- **Laterality defects other than situs inversus totalis in primary ciliary dyskinesia: insights into situs ambiguus and heterotaxy.** *Chest*
  Shapiro, A. J., Davis, S. D., Ferkol, T., Dell, S. D., Rosenfeld, M., Olivier, K. N., Sagel, S. D., Milla, C., Zariwala, M. A., Wolf, W., Carson, J. L., Hazucha, M. J., Burns, et al
  2014; 146 (5): 1176-1186

- **Anti-PcrV Antibody in Cystic Fibrosis: A Novel Approach Targeting Pseudomonas aeruginosa Airway Infection** *PEDIATRIC PULMONOLOGY*
  Milla, C. E., Chmiel, J. F., Accurso, F. J., VanDevanter, D. R., Konstan, M. W., Yarranton, G., Geller, D. E.
  2014; 49 (7): 650-658

- **Mutations in RSPH1 Cause Primary Ciliary Dyskinesia with a Unique Clinical and Ciliary Phenotype.** *American journal of respiratory and critical care medicine*
  Knowles, M. R., Ostrowski, L. E., Leigh, M. W., Sears, P. R., Davis, S. D., Wolf, W. E., Hazucha, M. J., Carson, J. L., Olivier, K. N., Sagel, S. D., Rosenfeld, M., Ferkol, T. W., Dell, et al
  2014; 189 (6): 707-717

- **A Little CFTR Goes a Long Way: CFTR-Dependent Sweat Secretion from G551D and R117H-5T Cystic Fibrosis Subjects Taking Ivacaftor** *PLOS ONE*
  Char, J. E., Wolfe, M. H., Cho, H., Park, I., Jeong, J. H., Frisbee, E., Dunn, C., Davies, Z., Milla, C., Moss, R. B., Thomas, E. A., Wine, J. J.
  2014; 9 (2)

- **A little CFTR goes a long way: CFTR-dependent sweat secretion from G551D and R117H-5T cystic fibrosis subjects taking ivacaftor.** *PloS one*
  Char, J. E., Wolfe, M. H., Cho, H., Park, I., Jeong, J. H., Frisbee, E., Dunn, C., Davies, Z., Milla, C., Moss, R. B., Thomas, E. A., Wine, J. J.
  2014; 9 (2)

- **LONGITUDINAL PLASMA ENDOTHELIN-1 LEVELS IN PREMATURE INFANTS WITH AND WITHOUT BRONCHOPULMONARY DYSPLASIA**
  Johnson, C., Chitkara, R., McCarthy, E., Fineman, J. R., Sun, C., Kim, L., Hintz, S. R., Van Meurs, K. P., Punn, R., Milla, C. E., Feinstein, J. A.
  LIPPINCOTT WILLIAMS & WILKINS.2014: 179–80

- **Standardizing nasal nitric oxide measurement as a test for primary ciliary dyskinesia.** *Annals of the American Thoracic Society*
  Leigh, M. W., Hazucha, M. J., Chawla, K. K., Baker, B. R., Shapiro, A. J., Brown, D. E., LaVange, L. M., Horton, B. J., Qaqish, B., Carson, J. L., Davis, S. D., Dell, S. D., Ferkol, et al
  2013; 10 (6): 574-581

- **In Vivo Readout of CFTR Function: Ratiometric Measurement of CFTR-Dependent Secretion by Individual, Identifiable Human Sweat Glands** *PLOS ONE*
  Wine, J. J., Char, J. E., Chen, J., Cho, H., Dunn, C., Frisbee, E., Joo, N. S., Milla, C., Modlin, S. E., Park, I., Thomas, E. A., Tran, K. V., Verma, et al
  2013; 8 (10)

- **Zebrafish Ciliopathy Screen Plus Human Mutational Analysis Identifies C21orf59 and CCDC65 Defects as Causing Primary Ciliary Dyskinesia** *AMERICAN JOURNAL OF HUMAN GENETICS*
  Austin-Tse, C., Halbritter, J., Zariwala, M. A., Gilberti, R. M., Gee, H. Y., Hellman, N., Pathak, N., Liu, Y., Panizzi, J. R., Patel-King, R. S., Tritschler, D., Bower, R., O'Toole, et al
  2013; 93 (4): 672-686

- **Assessment of clinical response to ivacaftor with lung clearance index in cystic fibrosis patients with a G551D-CFTR mutation and preserved spirometry: a randomised controlled trial** *LANCET RESPIRATORY MEDICINE*
  Davies, J., Sheridan, H., Bell, N., Cunningham, S., Davis, S. D., Elborn, J. S., Milla, C. E., Starner, T. D., Weiner, D. J., Lee, P., Ratjen, F.
  2013; 1 (8): 630-638

- **Novel CFTR Variants Identified during the First 3 Years of Cystic Fibrosis Newborn Screening in California** *JOURNAL OF MOLECULAR DIAGNOSTICS*
  Prach, L., Koepke, R., Kharrazi, M., Keiles, S., Salinas, D. B., Reyes, M. C., Pian, M., Opsimos, H., Otsuka, K. N., Hardy, K. A., Milla, C. E., Zirbes, J. M., Chipps, et al
  2013; 15 (5): 710-722

- **Polyvinylpyrrolidone microneedles enable delivery of intact proteins for diagnostic and therapeutic applications** *ACTA BIOMATERIALIA*
  Sun, W., Araci, Z., Inayathullah, M., Manickam, S., Zhang, X., Bruce, M. A., Marinkovich, M. P., Lane, A. T., Milla, C., Rajadas, J., Butte, M. J.
  2013; 9 (8): 7767-7774

- **Cystic fibrosis in the era of genomic medicine.** *Current opinion in pediatrics*
  Milla, C. E.
  2013; 25 (3): 323-328

- **Exome Sequencing Identifies Mutations in CCDC114 as a Cause of Primary Ciliary Dyskinesia** *AMERICAN JOURNAL OF HUMAN GENETICS*
  Knowles, M. R., Leigh, M. W., Ostrowski, L. E., Huang, L., Carson, J. L., Hazucha, M. J., Yin, W., Berg, J. S., Davis, S. D., Dell, S. D., Ferkol, T. W., Rosenfeld, M., Sagel, et al
  2013; 92 (1): 99-106

- **Study design considerations for evaluating the efficacy and safety of pancreatic enzyme replacement therapy in patients with cystic fibrosis.** *Clinical investigation*
  Konstan, M. W., Borowitz, D., Mayer-Hamblett, N., Milla, C., Hendeles, L., Murray, S., Kronmal, R. A., Casey, S., Rose, L. M., Morgan, W. J., Ramsey, B. W.
  2013; 3 (8): 731–41

- **In vivo readout of CFTR function: ratiometric measurement of CFTR-dependent secretion by individual, identifiable human sweat glands.** *PloS one*
  Wine, J. J., Char, J. E., Chen, J., Cho, H., Dunn, C., Frisbee, E., Joo, N. S., Milla, C., Modlin, S. E., Park, I., Thomas, E. A., Tran, K. V., Verma, et al
  2013; 8 (10)

- **Quantitative Analysis of the Human Airway Microbial Ecology Reveals a Pervasive Signature for Cystic Fibrosis** *SCIENCE TRANSLATIONAL MEDICINE*
  Blainey, P. C., Milla, C. E., Cornfield, D. N., Quake, S. R.
  2012; 4 (153)

- **Effect of Endoscopic Sinus Surgery on Pulmonary Status of Adults with Cystic Fibrosis** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
  Kempainen, R. R., Sajan, J. A., Pylkas, A. M., Dunitz, J. M., Rimell, F. L., Milla, C. E.
  2012; 147 (3): 557-562

- **PATTERNS OF HEALTH CARE UTILIZATION IN CHILDREN WITH CYSTIC FIBROSIS ENROLLED IN A STATE PROGRAM FOR CHILDREN WITH SPECIAL HEALTH CARE NEEDS**
  Buu, M. C., Milla, C. E., Sundaram, V., Goldstein, B., Wise, P. H.
  WILEY-BLACKWELL.2012: 381–381

- **Dyspnea in a patient with raynaud's phenomenon: The uncovering of interstitial lung disease** *PEDIATRIC PULMONOLOGY*
  Coates, A., Meehan, R., Milla, C.
  2012; 47 (9): 926-927

- **IMPROVING PATIENT AND FAMILY EDUCATION AND QUALITY OF LIFE THROUGH AN INDIVIDUALIZED CF ACTION PLAN AND ORGANIZATIONAL TOOL**
  Coates, A., Helmers, M., Matel, J., Shelton, K., Martins, L., Huerta, M., Souza, C., Cornfield, D., Milla, C.
  WILEY-BLACKWELL.2012: 390–391

- **Pulmonary Complications of Endocrine and Metabolic Disorders** *PAEDIATRIC RESPIRATORY REVIEWS*
  Milla, C. E., Zirbes, J.
  2012; 13 (1): 23-28

- **ANTIBODY-BASED ANTIBACTERIAL AGENTS: AN EMERGING OPTION** *DRUGS OF THE FUTURE*
  Milla, C. E.
  2012; 37 (1): 33-43

- **Diagnostic Yield of Nasal Scrape Biopsies in Primary Ciliary Dyskinesia: A Multicenter Experience** *PEDIATRIC PULMONOLOGY*
  Olin, J. T., Burns, K., Carson, J. L., Metjian, H., Atkinson, J. J., Davis, S. D., Dell, S. D., Ferkol, T. W., Milla, C. E., Olivier, K. N., Rosenfeld, M., Baker, B., Leigh, et al

2011; 46 (5): 483-488

- **Diagnostic yield of nasal scrape biopsies in primary ciliary dyskinesia: A multicenter experience.** *Pediatric pulmonology*
  Olin, J. T., Burns, K., Carson, J. L., Metjian, H., Atkinson, J. J., Davis, S. D., Dell, S. D., Ferkol, T. W., Milla, C. E., Olivier, K. N., Rosenfeld, M., Baker, B., Leigh, et al
  2011
- **METABOLITE PROFILING OF CF AIRWAY FLUID SUGGESTS A ROLE FOR CATECHOLAMINES IN EARLY AND CHRONIC DISEASE**
  Gudiputi, L., Aronov, P., Makam, M., Zirbes, J., Conrad, C., Milla, C., Herzenberg, L., Moss, R., Tirouvanziam, R.
  WILEY-BLACKWELL.2011: 240–240
- **Characteristics of gastroesophageal reflux in adults with cystic fibrosis** *JOURNAL OF CYSTIC FIBROSIS*
  Sabati, A. A., Kempainen, R. R., Milla, C. E., Ireland, M., Schwarzenberg, S. J., Dunitz, J. M., Khan, K. M.
  2010; 9 (5): 365-370
- **Pre-transplant risk factors affecting outcome in Hurler syndrome** *BONE MARROW TRANSPLANTATION*
  Orchard, P. J., Milla, C., Braunlin, E., DeFor, T., Bjoraker, K., Blazar, B. R., Peters, C., Wagner, J., Tolar, J.
  2010; 45 (7): 1239-1246
- **Comparison of Settings Used for High-Frequency Chest-Wall Compression in Cystic Fibrosis** *RESPIRATORY CARE*
  Kempainen, R. R., Milla, C., Dunitz, J., Savik, K., Hazelwood, A., Williams, C., Rubin, B. K., Billings, J. L.
  2010; 55 (6): 695-701
- **HOSPITALIZATION AND DEATH RATES OF HISPANIC CYSTIC FIBROSIS PEDIATRIC PATIENTS IN CALIFORNIA**
  Buu, M. C., Milla, C., Chan, J., Wise, P. H., Cornfield, D. N.
  WILEY-BLACKWELL.2010: 390–391
- **Nutrition in Cystic Fibrosis** *SEMINARS IN RESPIRATORY AND CRITICAL CARE MEDICINE*
  Matel, J. L., Milla, C. E.
  2009; 30 (5): 579-586
- **Cystic fibrosis related diabetes** *PAEDIATRIC RESPIRATORY REVIEWS*
  Zirbes, J., Milla, C. E.
  2009; 10 (3): 118-123
- **Longitudinal Assessment of Lung Function From Infancy to Childhood in Patients With Cystic Fibrosis** *20th Annual North American Cystic Fibrosis Conference*
  Harrison, A. N., Regelmann, W. E., Zirbes, J. M., Milla, C. E.
  WILEY-LISS.2009: 330–39
- **Associations of Psychosocial Factors With Health Outcomes Among Youth With Cystic Fibrosis** *PEDIATRIC PULMONOLOGY*
  Patterson, J. M., Wall, M., Berge, J., Milla, C.
  2009; 44 (1): 46-53
- **ANTI-INFLAMMATORY EFFECT OF KB001, AN ANTI-PCRV ANTIBODY FRAGMENT, IN CF PATIENTS CHRONICALLY INFECTED WITH PSEUDOMONAS AERUGINOSA**
  Milla, C., Chmiel, J. F., Accurso, F. J., McCoy, K. S., Billings, J. L., Atkinson, J. J., Clancy, J. P., Liou, T. G., Acton, J. D., Lynch, S., Slusher, N., Burns, J. L., Hamblett, et al
  WILEY-BLACKWELL.2009: 341–341
- **Steroid-sparing effect of Omalizumab for allergic bronchopulmonary aspergillosis and cystic fibrosis** *PEDIATRIC PULMONOLOGY*
  Zirbes, J. M., Milla, C. E.
  2008; 43 (6): 607-610
- **Gender differences in treatment adherence among youth with cystic fibrosis: Development of a new questionnaire** *JOURNAL OF CYSTIC FIBROSIS*
  Patterson, J. M., Wall, M., Berge, J., Milla, C.
  2008; 7 (2): 154-164
- **Comparison of high-frequency chest wall oscillation with differing waveforms for airway clearance in cystic fibrosis** *CHEST*
  Kempainen, R. R., Williams, C. B., Hazelwood, A., Rubin, B. K., Milla, C. E.
  2007; 132 (4): 1227-1232

- **Hepatolithiasis and Cholangiocarcinoma in cystic fibrosis: A case series and review of the literature** *DIGESTIVE DISEASES AND SCIENCES*
  Perdue, D. G., Cass, O. W., Milla, C., Dunitz, J., Jessurun, J., Sharp, H. L., Schwarzenberg, S. J.
  2007; 52 (10): 2638-2642

- **Repeated aerosolized AAV-CFTR for treatment of cystic fibrosis: A Randomized placebo-controlled phase 2B trial** *HUMAN GENE THERAPY*
  Moss, R. B., Milla, C., Colombo, J., Accurso, F., Zeitlin, P. L., Clancy, J. P., Spencer, L. T., Pilewski, J., Waltz, D. A., Dorkin, H. L., Ferkol, T., Pian, M., Ramsey, et al
  2007; 18 (8): 726-732

- **Nutrition and lung disease in cystic fibrosis** *CLINICS IN CHEST MEDICINE*
  Milla, C. E.
  2007; 28 (2): 319-?

- **Microvascular complications in cystic fibrosis-related diabetes** *DIABETES CARE*
  Schwarzenberg, S. J., Walk, D., Thomas, W., Milla, C., Olsen, T. W., Moran, A., Grover, T.
  2007; 30 (5): 1056-1061

- **Microbiology, safety, and pharmacokinetics of aztreonam lysinate for inhalation in patients with cystic fibrosis** *18th Annual North American Cystic Fibrosis Conference*
  Gibson, R. L., Retsch-Bogart, G. Z., Oermann, C., Milla, C., Pilewski, J., Daines, C., Ahrens, R., Leon, K., Cohen, M., McNamara, S., Callahan, T. L., Markus, R., Burns, et al
  WILEY-LISS.2006: 656–65

- **Different frequencies should be prescribed for different high frequency chest compression machines.** *Biomedical instrumentation & technology*
  Milla, C. E., Hansen, L. G., Warwick, W. J.
  2006; 40 (4): 319-324

- **Inflammatory cytokines and the development of pulmonary complications after allogeneic hematopoietic cell transplantation in patients with inherited metabolic storage disorders** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
  Kbarbanda, S., Panoskaltsis-Mortari, A., Haddad, I. Y., Blazar, B. R., Orchard, P. J., Cornfield, D. N., Grewal, S. S., Peters, C., Regelmann, W. E., Milla, C. E., Baker, K. S.
  2006; 12 (4): 430-437

- **Cystic fibrosis pulmonary exacerbations** *JOURNAL OF PEDIATRICS*
  Ferkol, T., Rosenfeld, M., Milla, C. E.
  2006; 148 (2): 259-264

- **Diabetes is associated with dramatically decreased survival in female but not male subjects with cystic fibrosis** *DIABETES CARE*
  Milla, C. E., Billings, J., Moran, A.
  2005; 28 (9): 2141-2144

- **Absence of host tumor necrosis factor receptor 1 attenuates manifestations of idiopathic pneumonia syndrome** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*
  Shukla, M., Yang, S. X., Milla, C., Panoskaltsis-Mortari, A., Blazar, B. R., Haddad, I. Y.
  2005; 288 (5): L942-L949

- **Safety and tolerability of denufosol tetrasodium inhalation solution, a novel P2Y(2) receptor agonist: Results of a phase 1/phase 2 multicenter study in mild to moderate cystic fibrosis** *Annual North American Cystic Fibrosis Conference*
  Deterding, R., Retsch-Bogart, G., Milgram, L., Gibson, R., Daines, C., Zeitlin, P. L., Milla, C., Marshall, B., LaVange, L., Engels, J., Mathews, D., Gorden, J., Schaberg, et al
  WILEY-LISS.2005: 339–48

- **Altered airway responsiveness in CD38-deficient mice** *AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY*
  Deshpande, D. A., White, T. A., Guedes, A. G., Milla, C., Walseth, T. F., Lund, F. E., Kannan, M. S.
  2005; 32 (2): 149-156

- **Natural history of pulmonary complications in children after bone marrow transplantation** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
  Eikenberry, M., Bartakova, H., DeFor, T., Haddad, I. Y., Ramsay, N. K., Blazar, B. R., Milla, C. E., Cornfield, D. N.
  2005; 11 (1): 56-64

- **Insulin regulation of free fatty acid kinetics in adult cystic fibrosis patients with impaired glucose tolerance** *METABOLISM-CLINICAL AND EXPERIMENTAL*
  Moran, A., Basu, R., Milla, C., Jensen, M. D.
  2004; 53 (11): 1467-1472

- **Association of nutritional status and pulmonary function in children with cystic fibrosis** *CURRENT OPINION IN PULMONARY MEDICINE*
  Milla, C. E.
  2004; 10 (6): 505-509

- **Myeloperoxidase deficiency enhances inflammation after allogeneic marrow transplantation** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*
  Milla, C., Yang, S. X., Cornfield, D. N., Brennan, M. L., Hazen, S. L., Panoskaltsis-Mortari, A., Blazar, B. R., Haddad, I. Y.
  2004; 287 (4): L706-L714

- **Peroxidase activity within circulating neutrophils correlates with pulmonary phenotype in cystic fibrosis** *JOURNAL OF LABORATORY AND CLINICAL MEDICINE*
  Garner, H. P., PHILLIPS, J. R., Herron, J. G., Severson, S. J., Milla, C. E., Regelmann, W. E.
  2004; 144 (3): 127-133

- **Methodologic advancements in the study of airway smooth muscle.** *journal of allergy and clinical immunology*
  Kotlikoff, M. I., Kannan, M. S., Solway, J., Deng, K., Deshpande, D. A., Dowell, M., Feldman, M., Green, K. S., Ji, G., Johnston, R., Lakser, O., Lee, J., Lund, et al
  2004; 114 (2): S18-31

- **High-frequency chest compression: effect of the third generation compression waveform.** *Biomedical instrumentation & technology*
  Milla, C. E., Hansen, L. G., Weber, A., Warwick, W. J.
  2004; 38 (4): 322-328

- **Repeated adeno-associated virus serotype 2 aerosol-mediated cystic fibrosis transmembrane regulator gene transfer to the lungs of patients with cystic fibrosis - A multicenter, double-blind, placebo-controlled trial** *CHEST*
  Moss, R. B., Rochman, D., Spencer, L. T., Aitken, M. L., Zeitlhi, P. L., Waltz, D., Milla, C., Brody, A. S., Clancy, J. P., Ramsey, B., Hamblett, N., Heald, A. E.
  2004; 125 (2): 509-521

- **Surfactant protein A is a required mediator of keratinocyte growth factor after experimental marrow transplantation** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*
  Haddad, I. Y., Milla, C., Yang, S. X., Panoskaltsis-Mortari, A., Hawgood, S., Lacey, D. L., Blazar, B. R.
  2003; 285 (3): L602-L610

- **Longitudinal changes in growth parameters are correlated with changes in pulmonary function in children with cystic fibrosis** *PEDIATRICS*
  Peterson, M. L., Jacobs, D. R., Milla, C. E.
  2003; 112 (3): 588-592

- **Safety of inhaled nitric oxide after lung transplantation** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Cornfield, D. N., Milla, C. E., Haddad, I. Y., Barbato, J. E., Park, S. J.
  2003; 22 (8): 903-907

- **Insulin glargine improves hemoglobin A1c in children and adolescents with poorly controlled type 1 diabetes.** *Pediatric diabetes*
  Jackson, A., Ternand, C., Brunzell, C., Kleinschmidt, T., Dew, D., Milla, C., Moran, A.
  2003; 4 (2): 64-69

- **Abnormal glucose tolerance in cystic fibrosis: Why should patients be screened?** *JOURNAL OF PEDIATRICS*
  Moran, A., Milla, C.
  2003; 142 (2): 97-99

- **Continuous propofol infusion in 142 critically ill children** *PEDIATRICS*
  Cornfield, D. N., Tegtmeyer, K., Nelson, M. D., Milla, C. E., Sweeney, M.
  2002; 110 (6): 1177-1181

- **Surfactant protein A decreases lung injury and mortality after murine marrow transplantation** *AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY*
  Yang, S. X., Milla, C., Panoskaltsis-Mortari, A., Hawgood, S., Blazar, B. R., Haddad, I. Y.

2002; 27 (3): 297-305

- **Abnormal lipid concentrations in cystic fibrosis** *AMERICAN JOURNAL OF CLINICAL NUTRITION*
  FIGUEROA, V., Milla, C., Parks, E. J., Schwarzenberg, S. J., Moran, A.
  2002; 75 (6): 1005-1011

- **Cystic fibrosis: Soon to be a geriatric problem** *25th European Cystic Fibrosis Conference*
  Warwick, W. J., Milla, C. E.
  MEDIMOND S R L.2002: 209–211

- **Effects of oxidant stress on inflammation and survival of iNOS knockout mice after marrow transplantation** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*
  Yang, S. X., Porter, V. A., Cornfield, D. N., Milla, C., Panoskaltsis-Mortari, A., Blazar, B. R., Haddad, I. Y.
  2001; 281 (4): L922-L930

- **Insulin and glucose excursion following premeal insulin lispro or repaglinide in cystic fibrosis-related diabetes** *DIABETES CARE*
  Moran, A., Phillips, J., Milla, C.
  2001; 24 (10): 1706-1710

- **Protein metabolism in clinically stable adult cystic fibrosis patients with abnormal glucose tolerance** *DIABETES*
  Moran, A., Milla, C., Ducret, R., Nair, K. S.
  2001; 50 (6): 1336-1343

- **Human surfactant protein A suppresses T cell-dependent inflammation and attenuates the manifestations of idiopathic pneumonia syndrome in mice** *AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY*
  Yang, S. X., Milla, C., Panoskaltsis-Mortari, A., Ingbar, D. H., Blazar, B. R., Haddad, I. Y.
  2001; 24 (5): 527-536

- **Trends in pulmonary function in patients with cystic fibrosis correlate with the degree of glucose intolerance at baseline** *12th Annual North American Cystic Fibrosis Conference*
  Milla, C. E., Warwick, W. J., Moran, A.
  AMER THORACIC SOC.2000: 891–95

- **Randomized, controlled trial of low-dose inhaled nitric oxide in the treatment of term and near-term infants with respiratory failure and pulmonary hypertension** *66th Annual Meeting of the Society-for-Pediatric-Research*
  Cornfield, D. N., Maynard, R. C., deRegnier, R. A., Guiang, S. F., Barbato, J. E., Milla, C. E.
  AMER ACAD PEDIATRICS.1999: 1089–94

- **Recombinant human DNase in cystic fibrosis** *LANCET*
  Milla, C. E.
  1999; 354 (9176): 428-428

- **NO causes perinatal pulmonary vasodilation through K+-channel activation and intracellular Ca2+ release** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*
  Saqueton, C. B., Miller, R. B., Porter, V. A., Milla, C. E., Cornfield, D. N.
  1999; 276 (6): L925-L932

- **High levels of peroxynitrite are generated in the lungs of irradiated mice given cyclophosphamide and allogeneic T cells - A potential mechanism of injury after marrow transplantation** *AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY*
  Haddad, I. Y., Panoskaltsis-Mortari, A., Ingbar, D. H., Yang, S. X., Milla, C. E., Blazar, B. R.
  1999; 20 (6): 1125-1135

- **Allergic bronchopulmonary aspergillosis and cystic fibrosis** *PEDIATRIC PULMONOLOGY*
  Milla, C. E.
  1999; 27 (2): 71-73

- **Long term effects of aerosolised rhDNase on pulmonary disease progression in patients with cystic fibrosis** *THORAX*
  Milla, C. E.
  1998; 53 (12): 1014-1017

- **Effects of inhaled nitric oxide and oxygen in high-altitude pulmonary edema** *70th Scientific Session of the American-Heart-Association*

Anand, I. S., Prasad, B. A., Chugh, S. S., Rao, K. R., Cornfield, D. N., Milla, C. E., Singh, N., Singh, S., Selvamurthy, W.
LIPPINCOTT WILLIAMS & WILKINS.1998: 2441–45

- **Risk of death in cystic fibrosis patients with severely compromised lung function** *1994 International Conference of the American-Thoracic-Society*
  Milla, C. E., Warwick, W. J.
  AMER COLL CHEST PHYSICIANS.1998: 1230–34
- **PCR ribotyping and endonuclease subtyping in the epidemiology of Burkholderia cepacio infection** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
  Shreve, M. R., Johnson, S. J., Milla, C. E., Wielinski, C. L., Regelmann, W. E.
  1997; 155 (3): 984-989
- **Glycemic response to dietary supplements in cystic fibrosis is dependent on the carbohydrate content of the formula** *JOURNAL OF PARENTERAL AND ENTERAL NUTRITION*
  Milla, C., Doherty, L., Raatz, S., Schwarzenberg, S. J., Regelmann, W., Moran, A.
  1996; 20 (3): 182-186
- **Clinical significance of the recovery of Aspergillus species from the respiratory secretions of cystic fibrosis patients** *PEDIATRIC PULMONOLOGY*
  Milla, C. E., Wielinski, C. L., Regelmann, W. E.
  1996; 21 (1): 6-10
- **HIGH-STRENGTH PANCREATIC-ENZYMES** *LANCET*
  Milla, C. E., Wielinski, C. L., Warwick, W. J.
  1994; 343 (8897): 599-599