

Current On-Going Research Projects (Blue = Cystic Fibrosis Research; Green = Asthma/RSV Research)

Dates	Type of Research	Sponsor	Title	Short Title	Brief description
Early 1970's - present	Patient Registry	Cystic Fibrosis Foundation	Cystic Fibrosis Foundation Patient Registry Program	CF Registry	A registry of CF patients at CF centers to compare national treatments and outcomes.
3/2004 - present	Multicenter Interventional Study	Cystic Fibrosis Foundation Therapeutics	The effect of formula Fortified with Docosahexaenoic Acid (DHA) in Infants with Cystic Fibrosis.	DHA formula study	A study of DHA in CF infant formula to assess for G.I. symptom reduction.
2/2005 - present	Multicenter Observational Study	Cystic Fibrosis Foundation	EPIC Observational study: Longitudinal assessment of risk factors and impact of pseudomonas aeruginosa acquisition and early anti-pseudomonal treatment in children with CF.	EPIC Obs.	A study of risk factors of acquiring lung infection with <i>Pseudomonas aeruginosa</i>
8/2005 - present	Multicenter Interventional Study	Cystic Fibrosis Foundation	Effectiveness and safety of intermittent antimicrobial therapy for the treatment of new onset <i>Pseudomonas aeruginosa</i> airway infection in young patients with Cystic Fibrosis (EPIC Clinical trial)	EPIC clinical	A study of early antimicrobial treatment for initial Pseudomonas infection in CF patients.
3/2006 - present	Multicenter Observational Study	Cystic Fibrosis Foundation Therapeutics	Lung Function Measures in Children with Cystic Fibrosis	Preschool PFT's	This study compares 3 different types of lung function measures in children 3-5 years old
12/2005 - Present	Industry Sponsored Clinical Trial	Novartis (Chiron)	TIP003: A Randomized, Open-label, phase 3 Trial to demonstrate safety and efficacy of Tobramycin Powder for Inhalation (TIP) over three cycles (28 days on treatment/ 28 days off treatment for 6 months) in cystic fibrosis patients ≥ 6 Years	TIP/TOBI study	Comparison of treatment for Pseudomonas infection with either TIP or TOBI
3/2006 - Present	Investigator Initiated Research	Internal Funds	Measurement of Lung Function using inductive plethsmography (IP) in infants with viral bronchiolitis	IP in RSV	The goal of this study is to apply IP to assess respiratory function in infants with bronchiolitis.
3/2006 - present	Investigator Initiated Research	Internal Funds	Pilot study of respiratory plethsmography in infants diagnosed with Cystic Fibrosis by NBS	IP in CF	This is a pilot study to determine the feasibility of using IP to assess respiratory function in CF infants
9/2006 – Present	Industry Sponsored Clinical Trial	Inspire Pharmaceuticals Inc.	A multi center double blind, placebo controlled, randomized, efficacy and safety study of denufosal tetrasodium (INS 37217) inhalation solution in patients with Cystic Fibrosis lung disease. 08-108	Inspire study	1-year study of denufosal in CF patients – 6 months placebo controlled, 6 months open label.
9/2006 – present	Patient Registry	Genentech, Inc.	An epidemiologic study of Xolair (omalizumab): evaluating clinical effectiveness and long term safety in patients with moderate to severe asthma (EXCELS)	Xolair registry	A 5-year longitudinal study for safety of Xolair use.
9/2006 – present	Multicenter Observational Study	Cystic Fibrosis Foundation Therapeutics	Antimicrobial resistance in sputum obtained from patients with Cystic Fibrosis (CF)	CF sputum study	Sputum sample collection sent to central lab to analyze strains of <i>Pseudomonas aeruginosa</i>

Pediatric Pulmonary Research Projects

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Up-Coming Research Projects (Blue = Cystic Fibrosis Research; Green = Asthma/RSV Research)

Dates	Sponsor	Title	Short Title	Brief description
9/2006 – awaiting approval	Industry Sponsored Clinical Trial	Boehringer Ingelheim Phramaceuticals Inc.	A randomized, double blind within dose, placebo controlled study to investigate the safety, tolerability and pharmacokinetics of increasing single and multiple doses (28 day dosing) of tiotropium bromide administered once daily via the respimat device in cystic fibrosis patients.	Tiotropium Study Study of tiotropium use and effectiveness in patients with CF lung disease
TBA	Multicenter Observational Study	Cystic Fibrosis Foundation Therapeutics	A multi center multi national, randomized, placebo controlled trial of azithromycin in patients with cystic fibrosis 6-18 years old, culture negative for <i>Pseudomonas aeruginosa</i> .	Azithromycin study M-W-F azithromycin use in CF. 6 mo. Placebo control / 6 mo open label
TBA	Investigator Initiated Research	Medimmune	Lung function and cytokine production in RSV bronchiolitis	Medimmune study Analysis of lung function and related blood immune response in patients with RSV bronchiolitis
TBA	Industry Sponsored Clinical Trial	Gilead –(Corus Pharma)	A Phase 3, double blind, multi-center, multi-national, randomized, placebo controlled trial evaluating Aztreonam Lysinate for Inhalation in Cystic Fibrosis Patients with pulmonary P. <i>aeruginosa</i> . (AIR-CF1)	Aztreonam study Effects of 1 month of treatment with either aztreonam or placebo on Pseudomonas infection.