

INFORMAZIONI  
PERSONALI

Federico Cresta

 Via Molassana 41/6, 16138 – Genova, Italia  01056362359 [federicocresta@gaslini.org](mailto:federicocresta@gaslini.org)Sesso Maschile | [Data di nascita](#) 23/05/1986 | [Nazionalità](#) ItalianaESPERIENZA  
PROFESSIONALE

12/03/2018 – in corso      Dirigente Medico presso UOSD Centro Regionale Fibrosi Cistica – Istituto  
Giannina Gaslini di Genova, a tempo pieno.

11/09/2011 – 30/06/2012      Borsa di Studio per lo svolgimento di una ricerca sul tema “Validazione, ai fini  
diagnostici e terapeutici, di NPD nei pazienti affetti da Fibrosi Cistica in follow-up  
presso il Centro FC di Genova” presso il Dipartimento di Scienze Pediatriche  
dell’Università di Genova

ISTRUZIONE E  
FORMAZIONE

1999-2004      Diploma di Maturità Classica conseguito presso il Liceo A. D’Oria di  
Genova nell’anno 2004 con votazione di 100/100.

03/02/2010      Stage per l’apprendimento della metodica di misurazione dei Potenziali Nasali in  
Fibrosi Cistica, effettuato nel Febbraio 2010 presso l’Ospedale Necker di Parigi.

07/09/2004 - 14/07/2010      Laurea Specialistica in Medicina e Chirurgia presso l’Università degli Studi di  
Genova, conseguita con votazione di 110/110 e lode con discussione della tesi:  
“La misurazione dei Potenziali Nasali in Fibrosi Cistica: Ruolo nella diagnosi e  
nella valutazione di efficacia di nuove terapie” (Relatrice Prof.ssa R. Lorini).

10/02/2011      Abilitazione all’esercizio professionale in Medicina e Chirurgia. Iscritto all’Ordine  
Provinciale dei Medici Chirurghi di Genova (Matricola N° 15659).

06/07/2012 – 05/07/2017      Specializzazione in Pediatria conseguita in data 05/07/2017 presso la  
Facoltà di Medicina e Chirurgia - Università degli Studi di Genova con  
discussione della tesi: “Lung Clearance Index nella valutazione della  
broncopneumopatia cronica in Fibrosi Cistica nell’età scolare” (Relatrice  
Prof.ssa L. Minicucci).

11/11/2016 - 20/05/2020      Dottorato di Ricerca in Genetica dell’Università degli Studi di Genova, con  
progetto dal titolo “Verso un approccio personalizzato per il trattamento del  
difetto di base in Fibrosi Cistica”

## COMPETENZE PERSONALI

Lingua madre Italiano

Altre lingue

	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	B2	B2	B1	B1	B1

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato  
[Quadro Comune Europeo di Riferimento delle Lingue](#)

Competenze comunicative

Possiedo buone competenze comunicative acquisite durante la mia esperienza di Specialista in Pediatria

Competenze professionali

Esperienza in studi clinici condotti in GCP, in particolare partecipante in qualità di Sub-Investigator negli studi BI 205.438, JBT101-CF-002, Vx17-445-102, Vx17-445-105, Vx18-445-104 e Vx18-445-110; in qualità di Research Coordinator agli studi TORPEDO-CF, PROIBITO, Vertex Vx14-806-106 ed in qualità di Principal Investigator (Vx14-806-110, SPX-101-CF-201).

## ULTERIORI INFORMAZIONI

Pubblicazioni

1. [Abnormal activation of calpain and protein kinase C \$\alpha\$  promotes a constitutive release of matrix metalloproteinase 9 in peripheral blood mononuclear cells from cystic fibrosis patients.](#) Averna M, Bavestrello M, Cresta F, Pedrazzi M, De Tullio R, Minicucci L, Sparatore B, Salamino F, Pontremoli S, Melloni E. Arch Biochem Biophys. 2016 Aug 15;604:103-12. Epub 2016 Jun 25.
2. [Clinical expression of patients with the D1152H CFTR mutation.](#) Terlizzi V, Carnovale V, Castaldo G, Castellani C, Cirilli N, Colombo C, Corti F, Cresta F, D'Adda A, Lucarelli M, Lucidi V, Macchiaroli A, Madarena E, Padoan R, Quattrucci S, Salvatore D, Zarrilli F, Raia V. J Cyst Fibros. 2015 Jul;14(4):447-52. Epub 2015 Jan 10.
3. [A long-term follow-up of residual mass neuroblastoma in a patient with cystic fibrosis.](#) Naselli A, Cresta F, Favilli F, Casciaro R. BMJ Case Rep. 2015 Jan 5;2015.
4. [Acute post-infectious cerebellar ataxia due to co-infection of human herpesvirus-6 and adenovirus mimicking myositis.](#) Naselli A, Pala G,

- Cresta F, Finetti M, Biancheri R, Renna S. Ital J Pediatr. 2014 Nov 26;40:98. doi: 10.1186/s13052-014-0098-y.
5. [Comment to Letter to the Editor regarding the article by R. Casciaro et al. titled 'Role of nebulized amphotericin B in the management of allergic bronchopulmonary aspergillosis in cystic fibrosis: case report and review of literature'](#). Casciaro R, Cresta F, Naselli A, Castagnola E. J Chemother. 2015 Aug;27(4):255-75. d 2014 Sep 24.
  6. [Role of nebulized amphotericin B in the management of allergic bronchopulmonary aspergillosis in cystic fibrosis: Case report and review of literature.](#) Casciaro R, Naselli A, Cresta F, Ros M, Castagnola E, Minicucci L. J Chemother. 2015 Oct;27(5):307-11.Epub 2014 May 14. Review
  7. [Calpain inhibition promotes the rescue of F\(508\)del-CFTR in PBMC from cystic fibrosis patients.](#) Averna M, Pedrazzi M, Minicucci L, De Tullio R, Cresta F, Salamino F, Pontremoli S, Melloni E. PLoS One. 2013 Jun 13;8(6):e66089. Print 2013.
  8. [Inhaled hypertonic saline+hyaluronic acid in cystic fibrosis with asthma-like symptoms: a new therapeutic chance.](#) Cresta F, Naselli A, Favilli F, Casciaro R. BMJ Case Rep. 2013 Apr 29;2013. pii: bcr20130090427
  9. [Macrophage activation syndrome induced by A/H1N1 influenza in cystic fibrosis.](#) Casciaro R, Cresta F, Favilli F, Naselli A, De Alessandri A, Minicucci L. Pediatr Pulmonol. 2014 Feb;49(2):E10-2. Epub 2013 Feb 8.
  10. [Evidence for alteration of calpain/calpastatin system in PBMC of cystic fibrosis patients.](#) Averna M, Stifanese R, De Tullio R, Minicucci L, Cresta F, Palena S, Salamino F, Pontremoli S, Melloni E. Biochim Biophys Acta. 2011 Dec;1812(12):1649-57. doi: 10.1016/j.bbadis.2011.09.013. Epub 2011 Sep 29.
  11. [The role of small intestinal bacterial overgrowth in cystic fibrosis: a randomized case-controlled clinical trial with rifaximin.](#) Furnari M, De Alessandri A, Cresta F, Haupt M, Bassi M, Calvi A, Haupt R, Bodini G, Ahmed I, Bagnasco F, Giannini EG, Casciaro R. J Gastroenterol. 2018 Sep 19. doi: 10.1007/s00535-018-1509-4.
  12. [Mortality rate of patients with cystic fibrosis on the waiting list and within one year after lung transplantation: a survey of Italian CF centers.](#) Borchi B, Barao Ocampo M, Cimino G, Pizzamiglio G, Bresci S, Braggion C; Italian Cystic Fibrosis Lung Transplantation Group. Ital J Pediatr. 2018 Jun 28;44(1):72. doi: 10.1186/s13052-018-0512-y
  13. Moraxella catarrhalis in Cystic Fibrosis children: a retrospective study. Federico Cresta, Valentina Baglioni, Silvia Garuti, Isabella Buffoni, Francesca Landi, Rosaria Casciaro, Laura Minicucci. Italian journal of pediatrics, DOI: [10.1186/s13052-017-0430-4](https://doi.org/10.1186/s13052-017-0430-4)
  14. Cystic Fibrosis in the light of new research. Chapter 5, Cystic Fibrosis and Fertility. Rosaria Casciaro, Federico Cresta, Federica Favilli and Laura Minicucci. IntechOpen. <http://dx.doi.org/10.5772/59523>
  15. [Cystic Fibrosis Diagnosis in Newborns, Children, and Adults.](#) Castellani C,

Linnane B, Pranke I, Cresta F, Sermet-Gaudelus I, Peckham D. Semin Respir Crit Care Med. 2019 Dec;40(6):701-714.

16. [Mental health and cystic fibrosis: Time to move from secondary prevention to predictive medicine.](#) Amerio A, Sibilla F, Pescini R, Ciprandi R, Casciaro R, Grimaldi Filioli P, Porcelli C, Odone A, Costanza A, Aguglia A, Serafini G, Amore M, Castellani C, Cresta F. Pediatr Pulmonol. 2020 Sep;55(9):2204-2206.
17. [Ionocytes and CFTR Chloride Channel Expression in Normal and Cystic Fibrosis Nasal and Bronchial Epithelial Cells.](#) Scudieri P, Musante I, Venturini A, Guidone D, Genovese M, Cresta F, Caci E, Palleschi A, Poeta M, Santamaria F, Ciciriello F, Lucidi V, Galletta LJV. Cells. 2020 Sep 13;9(9):2090
18. [Ivacaftor improves lung disease in patients with advanced CF carrying CFTR mutations that confer residual function.](#) Salvatore D, Terlizzi V, Francalanci M, Taccetti G, Messore B, Biglia C, Pisi G, Calderazzo MA, Caloiero M, Pizzamiglio G, Majo F, Cresta F, Leonetti G, De Venuto D. Respir Med. 2020 Sep;171:106073
19. [Ceftazidime plasma concentration in a patient with cystic fibrosis treated with ceftazidime/avibactam plus trimethoprim/sulfamethoxazole for Burkholderia cepacia recutization.](#) Saffioti C, Barco S, Cangemi G, Mesini A, Casciaro R, Cresta F, Castellani C, Bandettini R, Morelli P, Castagnola E. J Chemother. 2019 Nov-Dec;31(7-8):436-438.
20. A case of interference in testosterone, DHEA-S and progesterone measurements by second generation immunoassays. Cresta F, Luca Arcuri L, Bianchin S, Castellani C, Casciaro R, Matulli Cavedagna T, Maghnie M, Barco S, Cangemi G. Clinical Chemistry and Laboratory Medicine (CCLM), 2020 (*in press*)

#### Abstracts

[Correlation between chronic infection by Staphylococcus aureus & pneumothorax in Cystic Fibrosis.](#) Casciaro R, Cresta F, Favilli F, Sorrentino S, Vannati M, Muraca M, De Alessandri A, Minicucci L. Pediatric Pulmonology, Supplement 33, 2010, Pages 1-478 (October 2010), Abstracts of the 24th Annual North American Cystic Fibrosis Conference Baltimore, Maryland, 21–23 October 2010.

[The calpain-calpastatin system in cystic fibrosis: physiopathological implications.](#) Averna M, Grosso R, Stifanese R, Cresta F, Minicucci L, Melloni E, Pontremoli S. Journal of Cystic Fibrosis, Volume 10, Supplement 1, Pages S1-S110 (June 2011) Abstracts of the 34th European Cystic Fibrosis Conference, Hamburg, Germany, 8–11 June 2011.

[Pathological role of the calpain/calpastatin system in Cystic Fibrosis.](#) Averna M, Minicucci L, Palena S, Cresta F, Pontremoli S, Melloni E. Journal of Cystic Fibrosis, Volume 11, Supplement 1, Pages S1-S161 (June 2012), Abstracts of the 35th European Cystic Fibrosis Conference Dublin, Ireland, 6–9 June 2012.

[Comparison of pharyngeal suction specimens and throat swabs in non-sputum-producing patients with cystic fibrosis.](#) De Alessandri A, Casciaro R, Cresta F, Naselli A, Minicucci L. Journal of Cystic Fibrosis, Volume 11, Supplement 1, Pages S1-S161 (June 2012), Abstracts of the 35th European Cystic Fibrosis Conference Dublin, Ireland, 6–9 June 2012.

Sputum galactomannan in Cystic Fibrosis patients colonized with Aspergillus Fumigatus. Delfino E, Favilli F, Cresta F, Casciaro R, Furfaro E, Minicucci L, Viscoli C. Pediatric Pulmonology, Supplement 35, 2012. Abstracts of 26th Annual North American Cystic Fibrosis Conference, Orlando, Florida, 11-13 October 2012.

Serum amyloid A as a useful serum marker of lung inflammation in Cystic Fibrosis. F. Cresta, A. Naselli, F. Favilli, R. Casciaro, A. De Alessandri, A. Pistorio, L. Minicucci. Journal of Cystic Fibrosis, Volume 12, Supplement 1, Pages S1-S160 (June 2013), Abstracts of the 36th European Cystic Fibrosis Conference Lisbon, Portugal, 12–15 June 2013.

Alterations of CF-PBMC induced by an increase in [Ca]. Averna M, Pedrazzi M, Cresta F, Minicucci L, Melloni E. Journal of Cystic Fibrosis, Volume 13, Supplement 2, Pages S1-S136 (June 2014). Abstracts of the 37th European Cystic Fibrosis Conference, Gothenburg, Sweden, 11–14 June 2014.

#### Partecipazioni a congressi/corsi/seminari

1. POINT ON NEW MEDICATIONS FOR FIBROSI CISTICA 2013 organized by AOU Meyer held in Florence on 05.10.2013;
2. INFLAMMATORY AND IMMUNE DISEASES IN INFANTILE NEUROPSYCHIATRY organized by CISEF - GASLINI held in Genoa on 08.11.2013;
3. NON-INVASIVE VENTILATION (NIV): from acute treatment to home prescription, organized by MedicAir held in Milan, on 11-12.12.2013;
4. RURAL NEUROLOGICAL DISEASES IN PEDIATRIC AGE: UPDATE ON RESEARCH, PDDA AND RELATED DISABILITIES organized by CISEF - GASLINI held in Genoa on 11.12.2014;
5. XII NATIONAL MEETING OF THE ITALIAN SOCIETY FOR THE STUDY OF FIBROSI CISTICA organized by SIFC, held in Milan on 06-07.05.2016;
6. CHILDREN'S CHRONIC INTESTINAL INFLAMMATORY DISEASES organized by CISEF - GASLINI held in Genoa on 18.06.2016;
7. AEROSOL THERAPY IN HIGH AND LOW RESPIRATORY TRACT DISEASES FROM COMMON TO RARE / COMPLEX DISEASES organized by CISEF - GASLINI held in Genoa on 22.10.2016;
8. XXII ITALIAN CONGRESS OF FIBROSI CISTICA organized by SIFC, held in Salerno on 09-10-11-12.11.2016;
9. PRACTICAL COMPARISON ON THE MEASUREMENT OF THE LUNG CLEARANCE INDEX IN THE CYSTIC FIBROUS CENTERS IN ITALY: A COMPARISON SPECIALIST organized by Vertex and held in Bologna on 03.03.2017;
10. 40th EUROPEAN CYSTIC FIBROSIS CONFERENCE organized by ECFS, held in Seville on 7-8-9-10.06.2017.
11. NAFCF INDIANAPOLIS 2018
12. 41th EUROPEAN CYSTIC FIBROSIS CONFERENCE organized by ECFS, held in Belgrade on 6-7-8-9.06.2018
13. LEAD CONFERENCE organized by Vertex, held in Jerusalem on 6-7.09.2018
14. MICROBIOLOGY CF CONGRESS - Genoa, 27.09.2018
15. XXIV ITALIAN CONGRESS OF FIBROSI CISTICA - Salerno, 08-09.11.2018
16. MEASUREMENT OF THE LUNG CLEARANCE INDEX IN THE CYSTIC FIBROUS CENTERS IN ITALY: A COMPARISON SPECIALIST organized by Vertex and held in Milan on 21.11.2017

**Presentazioni come speaker**

1. CONCERN FIBROSI CISTICA organized by EFFETTI srl held in Verona on 19-20.09.2014;
2. CONCERN FIBROSI CISTICA organized by EFFETTI srl held in Palermo on 19.09.2015;
3. EXTRA ON CYSTIC FIBROSIS - EXCELLENCE TRAINING organized by Start Promotion held in Genoa on 18-19.09.2017
7. MEASUREMENT OF THE LUNG CLEARANCE INDEX IN THE CYSTIC FIBROUS CENTERS IN ITALY: A COMPARISON SPECIALIST organized by Vertex and held in Milan on 21.11.2017
4. XXIII ITALIAN CONGRESS OF FIBROSI CISTICA organized by SIFC, held in Naples on 22-25.11.2017;
5. XXIV ITALIAN CONGRESS OF FIBROSI CISTICA - Salerno, 08-09.11.2018
6. MICROBIOLOGY CF CONGRESS - Genoa, 27.09.2018
8. NTM DARE NORD OVEST: Torino, 30.01.2020

**Dati personali**

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".