

Pascale Fanen

Pascale Fanen is a MD, PhD Full Professor of Biochemistry/ Molecular Biology at the Faculty of Health of University Paris Est Creteil and head of the Genetic laboratory at Henri Mondor University Hospital in Creteil, France. She is the deputy director of GEIC20 team at IMRB “Genetic and Environmental Interactions in COPD, Cystic fibrosis and Other (rare) respiratory diseases”. Since the cloning of the CFTR gene in 1989, she has been engaged in the molecular characterization of the genetic defects in CF and CFTR-RD and the subsequent functional characterization of these defects with a particular focus on interacting partners of mutant and wild-type CFTR. Since 2011, she is also involved in other rare respiratory diseases, namely surfactant disorders, which include another ABC transporter, ABCA3.



Massimo Aureli

Massimo Aureli is Associate Professor of Biochemistry at the Department of Medical Biotechnology and Translational Medicine at the University of Milan. His research activity covers many aspects of the sphingolipids biochemistry, biophysics, and cell biology. In the Cystic Fibrosis research field, he studied the possible role of the non-lysosomal beta-glucosylceramidase GBA2 as a target to reduce the inflammatory response to *Pseudomonas aeruginosa* (PAO) in CF bronchial epithelial cells. On the side of CFTR, he described for the first time its interaction at the plasma membrane of epithelial cells with two important lipids such as the ganglioside GM1 and cholesterol. In addition, he found that GM1 is able to rescue the side effect of VX-770 opening a new scenario for the possible clinical use of GM1 also in combination with Trikafta. Author of 63 international peer-reviewed publications, 1,331 citations, H-index 20 (Scopus)



Anjaparavanda P. Naren

Anjaparavanda P. Naren is Currently Professor and The Gunnar Esiason/Cincinnati Bell Chair of Life Sciences Research and Director, Cystic Fibrosis Research Center at Cincinnati Children’s Hospital Medical Center. Dr. Naren received PhD in Biochemistry from the Indian Institute Of Science (Bangalore, India) in 1993. He did his Post-Doctoral training at UAB (Birmingham, Alabama) under Dr. Kevin Kirk’s mentorship and joined the Physiology Department at UTHSC in 2001 as faculty. He was recruited to develop the “Personalized Medicine in CF” program at Cincinnati Children’s Hospital Medical Center in 2013. He will be joining the Cedars-Sinai Medical Center at Los Angeles, California in July 2021. The research in Dr. Naren’s Laboratory is



focused on defining the cellular and molecular mechanisms of how protein-protein interactions regulate CFTR in diseases such as Cystic Fibrosis and Secretory Diarrhea. Dr. Naren has authored more than 80 articles in peer-reviewed research journals such as 'Cell', 'Nature', and 'Science' to name a few. His research has been supported by NIH, AHA, ALA and several other funding agencies. He serves on the editorial board of American Journal of Physiology and is a permanent member of the CFF study section. He also serves on several mentoring and advisory committees. Dr. Naren has been engaged in teaching Graduate, Dental and Medical students. He has trained and mentored several Undergraduate students, Graduate students, Medical students, Medical Fellows and Post-Doctoral fellows.