



OSPEDALE SAN RAFFAELE  
ISTITUTO DI RICOVERO E CURA A CARATTERE SCIENTIFICO

Milano, 9 April 2021

## **Postdoctoral Research and ERS/EU RESPIRE4 Marie Skłodowska-Curie Fellowship at the San Raffaele Scientific Institute**

The Alessandra Bragonzi Lab is seeking a creative, independent, self-motivated postdoctoral researcher to lead projects focused on the murine and human genetic determinants of Cystic Fibrosis disease. We are particularly interested in elucidating the mechanisms by which host genotype contribute to Cystic Fibrosis disease, predispose to bacterial infection and how novel drugs for Cystic Fibrosis can impact bacterial and host response. We are using genetically modified murine models, ex vivo and primary cell culture. We will apply whole genome sequencing and transcriptome analyses including spatial transcriptomics.

### **Qualifications and Experience**

Previous experience in genomics and bioinformatic analysis concerning computational evaluation of transcriptomic and sequencing data is requested. Further experience in molecular biology, cellular immunology, mouse genetics will be advantageous.

### **Host Institution**

The laboratory is located at Ospedale San Raffaele (OSR), the seat of the largest biomedical science park in Italy. OSR performs cutting-edge science and aims at advancing the knowledge about human diseases and novel therapies through translational research. OSR can count on 12 Clinical Departments, 6 Research Divisions and 2 Research Centers. The group at the Infections and Cystic Fibrosis Unit and CF animal Core Facility has major expertise on animal models of infection and cystic fibrosis including pharmacological treatment.

### **Application process**

Starting date is immediate and the position will remain open until filled. Type of contract and salary will be negotiated based on previous experience. To apply, send your CV and contact details for at least one reference to [bragonzi.alessandra@hsr.it](mailto:bragonzi.alessandra@hsr.it)

Since the application for the **ERS/EU RESPIRE4 Marie Skłodowska-Curie Postdoctoral Research Fellowship** opened recently, we also consider candidate interested in submitting a postdoctoral project with our laboratory <https://www.ersnet.org/respire/> (deadline 1 May, 2021).

*Alessandra Bragonzi, PhD*

*Infections and Cystic Fibrosis Unit,*

*Division of Immunology, Transplantation and Infectious Diseases San Raffaele Scientific Institute via  
Olgettina 58, I-20132 Milano*

*Phone: +39 02 2643 4189*

*FAX : +39 02 2643 5183*

*e-mail: [bragonzi.alessandra@hsr.it](mailto:bragonzi.alessandra@hsr.it)*

*<http://www.hsr.it/research/organization/divisions-centers/alessandra-bragonzi/>*