



OSPEDALE SAN RAFFAELE
ISTITUTO DI RICOVERO E CURA A CARATTERE SCIENTIFICO

Post-doc Position

A postdoctoral research position is now available in the laboratory of Infection and Cystic Fibrosis Unit led by Dr Alessandra Bragonzi (<http://www.hsr.it/research/organization/divisions-centers/alessandra-bragonzi/>). 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.

Duties

This research builds upon work in the Infection and Cystic Fibrosis Unit aiming to characterize a novel mouse model of Cystic Fibrosis. Using unique Collaborative Cross murine lines, we aim at understanding the role of host genetic background on airways mucus, ion transport and expression of CFTR and host microbiome. The final goal is to provide much-needed CF small animal model for basic and translational studies focused on disease mechanisms. The successful applicant will use a wide range of techniques in the fields of mouse genetics, microbiology, immunology, and genomics. The successful applicant will have excellent communication and organisational skills, a PhD in a relevant area (or be in the final stages of completion). Postdoctoral fellow is expected to lead his/her own project, contribute to other projects on a collaborative basis both in the laboratory and with external collaborators. The ability to work in a team is essential.

Application process

An application must contain the following documents in English:

- A complete curriculum vitae
- A complete list of publications
- A summary of current work and motivations
- Two recommendation letters and referee contacts

Deadline

30th January, 2020

Contact Person

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