

The University of Milan is recruiting a statistician for the joint research activity with the European Cystic Fibrosis Society Patient Registry (ECFSPR).

The European Cystic Fibrosis Society (ECFS) is an international community of scientific and clinical professionals committed to improving survival and quality of life for people with cystic fibrosis (CF) by promoting high quality research, education and care. As part of the ECFS, the Patient Registry collects demographic and clinical data from consenting people with cystic fibrosis (CF) in Europe. The information is used to measure, survey and compare aspects of CF and its treatment in participating countries, to deepen the understanding of CF, to improve standards of care, to provide data for epidemiological research and to facilitate public health planning (www.ecfs.eu/ecfspr). The Registry's database includes information from almost 50,000 people with CF, living in 38 countries, and longitudinal data from 2008 to 2019. It is a unique resource reflecting the reality of CF across Europe.

The University of Milan is responsible for management, data-validation, data-analysis and reporting of the ECFSPR data.

What will you do?

- Manage and maintain complex statistical databases interacting with National Registries.
- Plan and document computer data files and programs.
- Ensure data integrity by performing rigorous cleaning, error checking and validation.
- Draft statistical analysis plans in collaboration with clinicians and CF researchers and perform statistical analyses.
- Present statistical findings to management in reports that include executive summaries, charts, tables and graphs.
- Participate with other statisticians in the development of statistical methodology, study design, and data analysis.
- Ensure high standards on data protection, data-security, and confidentiality.
- Participate in weekly online team conferences and in bi-annual meetings in Europe with representatives of the participating countries.

What are your qualifications?

- PhD in Statistics or an MSc in Statistics, Data Science, Mathematics, or equivalent Master's Degree program with a focus on statistical methods (with relevant practical experience in medical statistics)
- Proficiency in statistical software programs SAS and R.
- Experience in summarising and presenting findings in reports, abstracts and papers.
- Attention to detail and excellent recordkeeping skills.
- Fluent in English, written and spoken.

What is offered?

- A research grant for one year, with the possibility of renewal.
- Opportunity to work within a motivated team in an international environment.