

The Ludwig Boltzmann Institute for Lung Health is seeking a full-time

Data Scientist

ABOUT US

Respiratory diseases are accounting for 3.9 million annual deaths worldwide, which makes them – beside cardiovascular diseases, cancer, and diabetes – one of the ‘Big Four’ of Noncommunicable Diseases (NCDs) targeted by the WHO Global Action Plan for Control and Prevention of NCDs. To effectively combat respiratory diseases, it is crucially important to gain a thorough understanding of the complex interrelations between genetic, physiological, environmental, and behavioural factors guiding the development of the healthy and the diseased lung.

With its extensive research programs, the LBI for Lung Health <https://lunghealth.lbg.ac.at> aims to contribute to this field of research. The close collaboration of physicians, scientists and clinical staff from different disciplines enables high-quality, interdisciplinary research. You would enrich our research team working in a longitudinal research project – The Austrian LEAD Study, www.leadstudy.at.

ABOUT YOU

As a data scientist in our team of physicians and medical researchers, you are enthusiastic about our scientific work on topics related to lung health in identifying factors that lead to the development of chronic lung diseases with the vision to find new ways to prevent (chronic) lung diseases! Your crucial contributions to our team include:

- programming to ensure quality and continuously improve our complex LEAD study database via R and SPSS
- supporting researchers on methods and conducting statistical analysis in medical research
- improving computational statistics via different methods in R and SPSS

WHAT MAKES YOU A GREAT FIT FOR THIS EXCITING ROLE

- Current or completed master’s degree in statistics, mathematics, data science or comparable studies.
- Solid knowledge in descriptive and inferential statistical methods as well as interest/possibly knowledge in clinical research
- Excellent coding skills in R for database maintenance and data analysis and, ideally, also experienced in the development of R packages.
- Highly motivated, engaged, and interest in scientific work.
- Initiative, team spirit, commitment, loyalty, reliability, analytical thinking, organized, and work independently.

OUR OFFER

- An international and dynamic work environment with continuous learning opportunities
- Interesting fields of activity in medical statistics, especially in clinical and epidemiological studies
- An inclusive team where diversity and different opinions are respected and valued.
- Co-authorship to our scientific publications is possible.
- The gross monthly salary for 40 hours per week is EUR 3.322. The salary is negotiable depending on qualifications or work experience.

If you see your future in exciting research projects and like to promote your scientific career, then send your complete and detailed applications (Cover letter, CV, copies of certificates, descriptions of expertise, professional activities) to barbara.woegerbauer@lunghealth.lbg.ac.at (office management).