

Sample Collection Profile at BBMRI.at Partner

**"LEAD Cohort (Austrian LEAD Study)" at BBMRI.at partner MedUni Wien Biobank**

The Biobank of the Medical University of Vienna harbours the sample cohort of the "Austrian LEAD-Study" collected at the Ludwig Boltzmann Institute (<https://copd.lbg.ac.at/en/research-program/austrian-lead-study>). It is a population based cohort and one of the largest long-term studies in Austria on the topic of lung health.

The Lung, hEart, sociAl, boDy (LEAD) Study is a longitudinal, observational, epidemiological cohort study aiming to investigate respiratory health through life. The survey includes a representative sample of the Austrian general population between 6 and 80 years of age and focuses on three areas:

1. Normal and pathologic lung growth and development (natural history of lung function).
2. Genetic, environmental and socioeconomic risk factors for abnormal lung function
3. Extrapulmonary manifestations of abnormal lung function and related comorbidities (cardiovascular disease, metabolic disorders, depression and anxiety).

**Current status and examination programme of the Austria Lead Study at the Ludwig Boltzmann Institute >>**

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**More about the LEAD cohort>**

Breyer-Kohansal R, Hartl S, Burghuber OC, Urban M, Schrott A, Agusti A, Sigsgaard T, Vogelmeier C, Wouters E, Studnicka M, Breyer MK. **The LEAD (Lung, Heart, Social, Body) Study: Objectives, Methodology, and External Validity of the Population-Based Cohort Study.** J Epidemiol. 2019 Aug 5;29(8):315-324. doi: 10.2188/jea.JE20180039. Epub 2018 Oct 20. PMID: 30344197; PMCID: PMC6614076.

**More about MedUni Wien Biobank >>**

