

Eurac Research is seeking **participants** for a

Physiological study to investigate predictive factors for altitude-related diseases

We are looking for study participants to investigate the predictive factors of acute mountain sickness, high-altitude headaches and altitude related sleep and breathing disorders. The study will take place at the terraXcube, Eurac Research's extreme climate simulator.

HOW DOES THE STUDY WORK?

Participants will have to spend half a day (day 1) and then another 24 hours (day 2) in the terraXcube at a simulated altitude of 4,500 meters above sea level.

A variety of measurements will be taken during the study, including respiratory tests, ultrasound scans, blood draws and monitoring of breathing while sleeping.

WHO CAN PARTICIPATE?

People between the ages of 18 and 50, with no medical conditions, participants must:

- be of average weight with a body mass index between 18 and 25 kg/m²
- not have had any exposure to altitudes above 2,500 meters above sea level in the four weeks prior to the study
- follow normal physical activity
- not use tobacco, alcohol or drugs regularly
- not take hormonal contraceptives

WHEN AND WHERE?

The tests will take place on weekdays between **Nov. 20 and Dec. 23, 2023**, in terraXcube at NOI Techpark, Via Ipazia 2, Bolzano, Italy



FOR MORE INFORMATION AND TO REGISTER

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