

Placebo in Basic and Clinical Research

The program is aimed at:

- Mapping and studying placebo responses across diseases
- Mapping and studying placebo responses in physical performance
- Designing clinical trials to test efficacy of different treatments
- Identifying better outcome measures and biomarkers across diseases
- The "Improving Clinical Trials" Initiative is an important part of the program. It is aimed at better designing clinical trials around the world following the many requests we have had to solve different methodological and ethical issues related to placebo responses



University of Turin (UNITO) Medical School
and Medical Center, Turin, Italy



University of Turin Physiology
Turin, Italy



Center for Hypoxia, Plateau Rosa Laboratories
Breuil-Cervinia (Italy), Zermatt (Switzerland)

Center for Hypoxia
Plateau Rosa Labs
Breuil-Cervinia/Zermatt

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TURIN

Google earth

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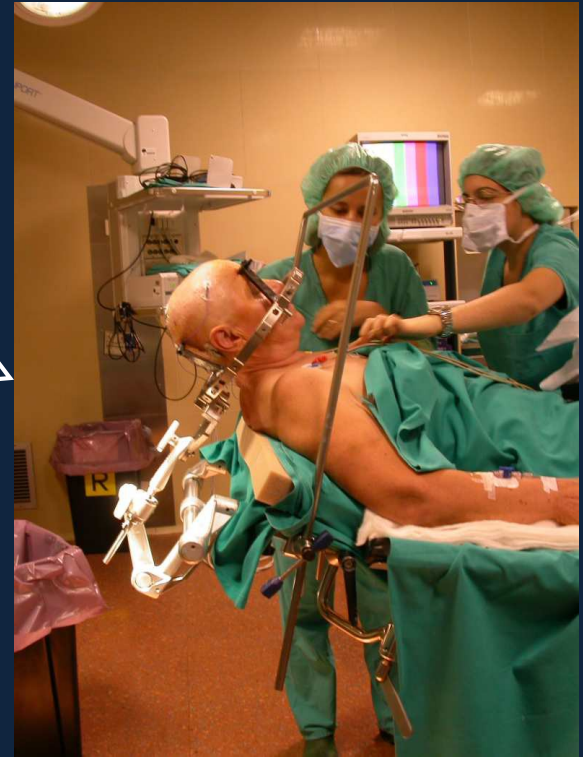


Physical Performance Lab




Neurophysiology and
Neuropharmacology Lab

Neurosurgery
Division
University of Turin



Intraoperative recording
in Parkinson patients
and
Surgery clinical trials



Matterhorn
4478 mt – 14692 ft



Plateau Rosa Labs
3500 mt – 11483 ft

**Center for Hypoxia
Plateau Rosa Laboratories
Breuil-Cervinia (Italy), Zermatt (Switzerland)**

*for the study of brain hypoxia
and
for clinical trials related to hypoxia*

At 3500 m air pressure is about 490 mmHg (760 mmHg at sea level) and oxygen pressure about 102 mmHg (159 mmHg at sea level). This corresponds to a blood oxygen saturation in the range of 83-90% (98-99% at sea level), depending on different individuals.

Breuil-Cervinia
2050 mt – 6726 ft

Detailed air view of the Plateau Rosa Laboratories

3500 mt – 11483 ft

ITALY



Physics and Physiology
Laboratories

Italy
Switzerland

Meteo Station

Cableway

Ski and
Mountaineering
Centers

Food and
Lodging

SWITZERLAND



Zermatt

Italy
Switzerland

Breuil-
Cervinia



Infrared Telescope Lab

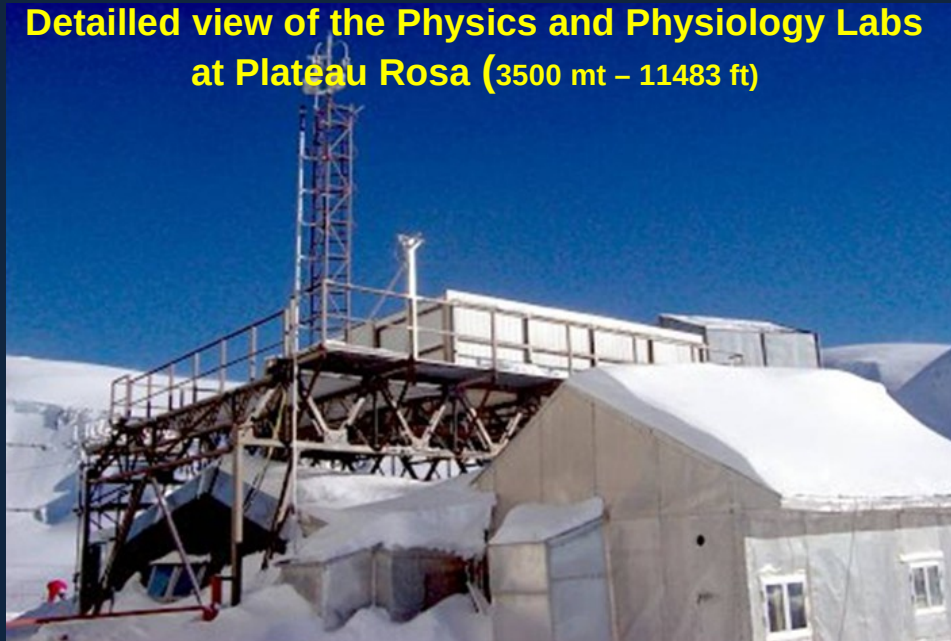
*National Institute of
Astrophysics (INAF)*

*Energy System
Research (RSE)*



*Gas Chromatography
Lab*

**Detailed view of the Physics and Physiology Labs
at Plateau Rosa (3500 mt – 11483 ft)**



Center for hypoxia

Clinical trials on hypoxia





Indoor
Physiology
Lab



Center for hypoxia

Clinical trials for all those conditions related to hypoxia



Outdoor
Physiology
Lab

