Name of research institute or organization:

Departement Medizin, Naturwiss. Fakultät, Universität Fribourg

Title of project:

Physiological observation on high altitude adaptation

Project leader and team:

Prof. Jean-Pierre Montani,
Prof. Jürg Geiser,
Prof. Marco R. Celio

Project description:

The project consisted in the measurement of various cardiovascular parameters at different altitutes. Eighty medical students of both sexes measured their pulse rate, blood pressure, oxygen saturation (and urine pH) under normal conditions and after exercise. At high altitude the most impressive adaptation consisted in a significant increase of the pulse rate. This practical journey in physiology was closed with a lecture on high-altitude edema and a presentation by a renowned climber.

Key words:

High altitude physiology
Pulse rate
Medical students

Internet data bases:

Collaborating partners/networks:

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