



1st Announcement

3. International Hypoxia Training and Rehabilitation Symposium with Practical Course

From Jan 24th until Jan 27th 2008 our 3rd International Symposium for Hypoxia in Training and Rehabilitation takes place in Bad Reichenhall – a must go for all coaches, athletes, physicians and scientists involved in high altitude training, rehabilitation with hypoxia training and hypoxia research.

International specialists in the field will keep you updated on the state of the art and their recent personal experiences. The practical course promises this time to become a real highlight going into detail of individually planned hypoxia training.

The official symposium language is English.

Date: Thursday Jan 24th – Sunday Jan 27th 2008

Location: Kurmittelhaus der Moderne, Hermann Buhl Hypoxia Research and Training Centre, Salzburgerstr. 7, 83435 Bad Reichenhall, Germany

Organizing committee

PD. Dr. Nikolaus NETZER
PD. Dr. Thomas Küpper
Prof. Dr. Dr. Martin Burtscher

Invited Speakers

- Prof. Dr. Luciano Bernardi, University Pavia, Italy
- Prof. Dr. Michael Breitenbach, Paris Lodron University, Salzburg, Austria
- Prof. Dr. Dr. Martin Burtscher, University Innsbruck, Austria
- Prof. Dr. Hang Fang, Peoples University, Beijing, China
- MSc Toni Kesselbacher, KLDPS (Training Academy), Salzburg Austria and Bad Reichenhall, Germany
- PD Dr. Thomas Küpper, University Aachen, Germany
- Prof. Dr. Benjamin Levine, University of Texas Southwestern Medical Center, Dallas, Texas, USA
- PD Dr. Nikolaus Netzer, PMU Salzburg, Austria
- Prof. Dr. Dr. Josef Niebauer, Paracelsus Medical University Salzburg, Austria
- Prof. Dr. Walter Schmidt, University Bayreuth, Germany
- Prof. Dr. Wolfgang Schobersberger, UMIT, Austria
- Prof. Dr. Tatjana Serebrovskaya, Kiev, Ukraine
- Prof. Dr. Kingman Strohl, University Cleveland, Ohio, USA
- Dr. Martin Tannheimer, Bundeswehr Hospital, Ulm, Germany

Invited Presentations

Prof. Luciano Bernardi:

Effects of intermittent hypoxia on autonomic nervous system dysfunction

Prof. Michael Breitenbach:

Metabolic hypoxia response in yeast

Prof. Martin Burtscher:

Effects of intermittent hypoxia on exercise tolerance in COPD

Prof. Hang Fang:

Genetical difference in respiratory response to hypoxia in the mouse model.

MSc Toni Kesselbacher:

Simulated altitude training in high performance triathletes

PD Thomas Küpper:

Pre acclimatisation in simulated altitude for high altitude training in the field

Prof. Benjamin Levine:

Who benefits from sleeping high and training low?

PD Nikolaus Netzer:

Weight loss in hypoxia in athletes, mountaineers and patients. An overview

Prof. Josef Niebauer:

Changes in ergospirometry outcome after high altitude training. How long do they last?

Prof. Walter Schmidt:

Detection of responders and non-responders to altitude training

Prof. Wolfgang Schobersberger:

Benefits from exposures to moderate altitude (1500 – 2500 m)

Prof. Tatjana Serebrovskaya:

Effects of active/passive intermittent hypoxia on muscle mitochondrial function?

Prof. Kingman Strohl:

New insights in genetically defines respiratory response to hypoxia

Dr. Martin Tannheimer:

Changes of hematocrit and haemoglobin at high altitude in dependence of total body fluid

Free presentations

Please send your abstract (english, 250 words maximum) per e-mail to
MSc Stefan Hamburger: Stefan.Hamburger@gmx.de
Dead Line: November 30th 2007

Participants/Registration

Please send an informal registration with your name and address per e-mail to
MSc Stefan Hamburger: Stefan.Hamburger@gmx.de

Fees

Early registration until November 30th 2007: 150 € incl. meals and cultural program
After November 30th 2007: 200 € incl. meals and cultural program
Practical course in the hypoxia training centre: 200 €

Lodging

5star Steigenberger Hotel Axelmannstein (via a vis to the Hermann Buhl Center): 90 €
per night per person (incl. huge breakfast/brunch buffet)
4star Hotel Luisenbad (next to the Hermann Buhl Centre) 60 € per night per person
(incl. breakfast buffet)

Practical Course

MSc Roland Chytra, MSc Karin Zehentner and MSc Toni Kesselbacher

Content:

Hypoxic ventilatory response – Measurements
Measurement of total haemoglobin with CO Bolus technique
Measurement of individually needed altitude in 2mmol lactate level endurance training
Training plan for simulated altitude training

Fee: 200 € incl. meals

We wish to express our gratitude to HP- Cosmos (Nussdorf, Bavaria, Germany) the world leading specialist for professional training-, rehabilitation-, and testing-devices, for their financial support