

Sport Science, Medical Section University of Innsbruck Austria

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Hermann Buhl Institute for Hypoxia and Sleep Medicine Research in Bad Aibling Paracelsus Medical University, Salzburg, Austria

Hypoxia Medical Academy, Moscow

4th International Symposium for Hypoxia in Medical Research, Training and Rehabilitation

Date: January 29th – 30th, 2010 Location: Department of Sports Science, Fürstenweg 185, Innsbruck

Topics:

Friday, January 29th

Hypoxia in Sports:

Sea level competitions

High altitude competitions

Pre-acclimatization

Specific stimuli

Regeneration

Saturday, January 30th

Hypoxia in Medicine:

Mechanisms of therapy

Cellular and Molecular biological research

Genetics

Cardiovascular diseases

Respiratory diseases

Metabolic diseases

Neurological diseases

Provocation Tests

Abstracts and Regular Registration Deadline: November, 30th, 2009

Website: www.hypoxiaeurope.org/ More information: regarding registration and organization

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regarding abstract submission

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Program

Friday, January 29th, 2010

"Landmark Lectures and Hypoxia in Sports"

09.00 - 11.00	Registration
11.00 – 12.00	Welcome with early finger food lunch (Registration continued)
12.00 – 13.30	Landmark Lectures
	Hypoxia Research – Implications in future pharmaceutical developments Kingman Strohl (Cleveland)
	Evolution of High-Altitude Adaptation in Humans – an overview Cynthia Beall (Cleveland)
	Hypoxia and Narcolepsy Fang Han (Beijing)
13.30 – 15.30	Session 1: Hypoxia in Sports
	Neurobics; Oxygen, the Brain and Exercise Performance Damian Bailey (Cardiff)
	Aerobic capacity in Hypoxia José Calbet (Las Palmas)
	Free communications
15.30 - 16.00	Coffee break
16.00 - 18.00	Session 2: Hypoxia in Sports
	Mitochondrial Function in Hypoxia Susanne Arnold (Aachen)
	Recombinant Epo and Performance in Hypoxia Paul Robach (Chamonix)
	Free communications
18.00 - 19.00	Poster session
19.30 -	Dinner + adventure evening
	Dinner lecture: Do we need a European hypoxia Research Society? Carlo Brusci (Trieste) Heimo Mairbäurl (Heidelberg)

Nikolaus Netzer (Bad Aibling)

Saturday, January 30th, 2010

"Hypoxia in Medicine"

09.00 – 11.00 Session 3: Hypoxia in Medicine

Cellular Research in Hypoxia *Heimo Mairbäurl (Heidelberg)*

Molecular Biological Research in Hypoxia

Max Gassmann (Zürich)

Free communications

11.00 – 12.00 Special Issue: "The Hypoxic Workplace"

Introduction and Moderation

Martin Burtscher (Innsbruck)

Future hypoxic work conditions for ISS and Mars Flight Astronauts - a possible game plan *Rupert Gerzer (Cologne)*

12.00 – 14.00 Lunch break

Meeting of potential Board Members of a "European Hypoxia Research Society" (hypoxiaeurope.org)

14.00 – 16.30 Session 4: Hypoxia in Medicine

The Endothelium in Hypoxia *Claudio Sartori (Lausanne)*

Interval Hypoxia in COPD Luciano Bernardi (Pavia)

Interval Hypoxia in CAD *Igor Ehrenbourg (Moscow)*

Free communications

16.30 - 17.00 Coffee break

17.00 – 18.00 Press conference

Good Bye Note and individual departure