

# Ri Tubo Genetics Symposium Agenda

at ÖAV, Olympiastraße 37, 6020 Innsbruck, Austria

**Tuesday, 15 November 2016**

**REGISTRATION and COFFEE (09:30-11:00)**

Welcome Session [Chair: Michael Hehenberger]

- 11:00 Welcome by ÖAV and Ri Tubo Team
- 11:10 Michael Hehenberger: Introductions and Symposium Agenda
- 11:30 Kurt Diemberger: "Herrmann Buhl's Legacy"
- 11:45 Peter Habeler: "Climbing above 8000 meters without supplemental oxygen"
- 12:15 Discussion

**LUNCH (12:30-14:00)**

High Altitude Genetics and Physiology [Chair: David Mozley]

- 14:00 Chris Imray: "The importance of hypoxia research in general to the patient population"
- 14:30 Rob Roach: "The 'Omics' of High Altitude"
- 15:00 Rasmus Nielsen: "High Altitude Population Genetics - Himalayas and other regions"

**COFFEE (15:30-16:00) and Start of Blood Draw**

Afternoon Session

- 16:00 Martin Burtscher: Presentation of ethical guidelines + Q & A
- 16:15 Blood Draw (cont'd)
- 17:15 Huanming Yang: "History and Promise of DNA Sequencing, Genomics and other -Omics"

**20:00: SYMPOSIUM DINNER (sponsored by ÖAV)**

**Wednesday, 16 November 2016**

High Altitude Experiences [Chair: Peter Habeler]

8:30 - 10:30

Short (10-15 min) individual contributions by at least 10 participating climbers - telling about their personal experiences dealing with low oxygen environments

**COFFEE (10:30-11:00)**

Panel Discussion [Moderator: Michael Hehenberger]

11:00 - 12:25

Panelists: Robert Renzler, John Roskelley, Chris Imray, David Mozley, Huanming Yang

- Topics:
- Future of extreme climbing / what are the challenges?
  - What can we learn from this study? - Brainstorming among climbers & scientists
  - What could be the benefits to climbers? - Could high altitude health issues be minimized?
  - How could ordinary people benefit from improved understanding of genetics / physiology?
  - How could tourism at high altitude benefit? How can Biotech / Pharma benefit?

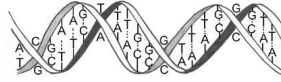
**12:25 Closing by ÖAV + Ri Tubo Team**

**FAREWELL LUNCH (12:30-14:00)**



Altitude Research Center





## List of Participants - Climbers

Name	Country
Kurt Diemberger	Austria
Ralf Dujmovits	Germany
Veikka Gustafsson	Finland
Peter Habeler	Austria
Radek Jaroš	Czech
John Roskelley	USA
Robert Schauer	Austria
Jean Troillet	Switzerland
Denis Urubko	Russia
Krzysztof Wielicki	Poland

## List of Participants - Scientists and Organizers

Robert Renzler	Austria
Raimund Margreiter	Austria
Martin Burtscher	Innsbruck Univ.
Robert Roach	Colorado Univ., Denver
Chris Imray	Warwick Univ., UK
David Mozley	Cornell Univ., New York
Huanming Yang	BGI, China
Jian Wang	BGI, China
Asan	BGI, Tibet
Ruiqi Xu	BGI, Copenhagen
Thomas Hochholzer	Innsbruck
Michael Hehenberger	HM NanoMed, Westport, CT

In addition, several other extreme climbers have agreed to make blood samples available to this scientific project.

