



Image: Tirol Werbung, Bernd Ritschel

## Programme

- 14.15 pm** Welcome
- 14.30 pm** **Bendavia – a new drug targeted at myocardial energetics in heart failure.**  
Christoph Maack, *Clinic for Internal Medicine III, Saarland University Medical Center, Homburg (Germany)*
- 15.00 pm** **Instrumental and scientific highlights of the K-Regio project MitoCom Tyrol – the O2k-Fluorometer.**  
Erich Gnaiger, *Medical University Innsbruck*
- 15.30 pm** **Exercise training in hypoxia – application of high-resolution respirometry with permeabilized muscle fibres**  
Dominik Pesta, *Institute of Sport Science, University of Innsbruck; D. Swarovski Research Lab & Dept Radiol, Medical University Innsbruck*
- 15.45 pm** **Region-specific differences in the activity of mitochondrial complexes I and II in the mouse brain.**  
Johannes Bartscher, *Institute of Pharmacology, Medical University Innsbruck*
- 16.00 pm** **OXPHOS analysis in small prostate biopsies.**  
Bernd Schöpf, *Genetic Epidemiology, Medical University Innsbruck (project Oncotyrol)*
- 16.15 pm** **Mitochondrial function in blood cells – a perspective.**  
Florian Hoppel, *Institute of Sport Science, University Innsbruck and OROBOROS INSTRUMENTS*
- 16.30 pm** **General discussion – Perspectives: mitochondrial health and disease – towards a mitochondrial lifestyle?**
- 17.00 pm** Buffet – Networking

## Symposium

# MitoCom Tyrol – a success story

Thursday, 16th October 2014  
14.15 pm - 17.30 pm  
Institute of Sport Science  
Seminar room in the "Pulverturm"  
Fürstenweg 189, 6020 Innsbruck

*MitoCom Tyrol* is a K-regio project funded by the Tyrolean government and European Union but also a competence center of excellence connecting science and industry in working on jointly defined research questions.

In the last three years, the aim of the project was to establish fluorometry in combination with high-resolution respirometry. This method offers new insights into mitochondrial physiology.

This symposium provides an overview of the last three project years and also offers

the possibility for networking and initiating new collaborations on mitochondrial competence.

The participation in the event is free. Please register until 15.10.2014, online at [www.standort-tirol.at/MitoCom](http://www.standort-tirol.at/MitoCom)

We welcome your participation!



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