



# Curriculum Vitae

## PERSONAL DATA

Name Verena Laner  
Birth date 7<sup>th</sup> May 1985 in Wörgl, Tyrol  
Address Probstenhofweg 2/5  
6020 Innsbruck  
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## EDUCATION

2007 – 2010 Master's Programme Ecology, University of Innsbruck  
Performance scholarship 2008  
2004 – 2007 Bachelor's Programme Biology, University of Innsbruck  
1999 – 2004 Commercial High-School Wörgl,  
Main focus: Business information technology  
1995 – 1999 Grammar School Wörgl  
1991 – 1995 Elementary school Wörgl

## WORK EXPERIENCE AND STAYS ABROAD

06/2012 – Oroboros Instruments GmbH, Innsbruck  
Chief Operating Officer and Project Manager  
Management of internationally and nationally-funded projects, e.g.  
Marie Sklodowska Curie projects TRACT, TRANSMIT, mtFOIE  
GRAS, K-Regio projects MitoCom and MitoFit and others

01 and 03/2014 Iditarod study on High-Resolution Respirometry, Big Lake, Alaska US  
Organizer: Prof. Michael Davis, PhD, Oklahoma State University, US

03/2013 Xtreme Everest 2 Expedition, Kathmandu Laboratory, NP

01/2011 – 04/2012 Freudenthaler GmbH & Co KG, Inzing  
Executive assistant, commissioner for environment protection and  
radiation protection

2009 Stockholm Environmental Institute, University of York, GB  
Internship in the Leonardo-da-Vinci Programme "Tirolerinnen auf Walz";  
Supervisor: Dr. Andreas Heinemeyer

2008/09 Institute for Ecology, LFU Innsbruck  
Fieldwork for the diploma thesis, Supervisor: PD Mag. Dr. Michael Bahn

12/2007 Müller Drugstore, Wörgl  
Cashier, Christmas sales



- 07/2007 – 08/2007      Institute for Ecology, LFU Innsbruck  
Internship ‚BioCatch-Programme‘
- 08/2006 – 09/2006      Bambelela Wildlife-Care Farm, Bela Bela, South Africa  
Volunteering (6 weeks)
- 07/2005 – 08/2005      Lokale Agenda, Tirol  
LA 21-Project "Stadtgehölze Wörgl"
- 07/2004 – 10/2004      Cineplexx Wörgl  
Chief Operating Officer und Cashier
- 2000 – 2008              Various internships and minor employment (Sales, Baguette Bistro Betriebs  
GmbH) during the studies

#### **ADVANCED EDUCATION, FURTHER SEMINARS**

- 2015/16                  Workshop for operational executives, WIFI Innsbruck
- 2011                      SGU-Training für operational executives (SCC\*\*), Quality Austria  
Training as a radiation protection commissioner, University of Innsbruck  
„Integrated Managementsystems“, Quality Austria
- 2008                      First Aid (16 hours), Rotes Kreuz
- 2005                      "Damit's mir was bringt! Nachhaltigkeit lernen mit Kindern",  
Hohe Tauern National Park  
Workshop Nature Education, "Mühlauer Fuchsloch", Natopia

#### **PUBLICATIONS**

MitoEAGLE preprint 2018-06-10(39) Mitochondrial respiratory states and rates: Building blocks of mitochondrial physiology Part 1. - [http://www.mito eagle.org/index.php/MitoEAGLE\\_preprint\\_2018-02-08](http://www.mito eagle.org/index.php/MitoEAGLE_preprint_2018-02-08).

Miller B, Hamilton K, Boushel R, Williamson K, Laner V, Gnaiger E, Davis M (2017) Mitochondrial respiration in highly aerobic canines in the non-raced state and after a 1600-km sled dog race. PLOS ONE 12:e0174874.

Horscroft JA, Kotwica AO, Laner V, West JA, Hennis PJ, Levett DZH, Howard DJ, Fernandez BO, Burgess SL, Ament Z, Gilbert-Kawai ET, Vercueil A, Landis BD, Mitchell K, Mythen MG, Branco C, Johnson RS, Feelisch M, Montgomery HE, Griffin JL, Grocott MPW, Gnaiger E, Martin DS, Murray AJ (2017) Metabolic basis to Sherpa altitude adaptation. Proc Natl Acad Sci U S A 114:6382–7.



Laner V, Gnaiger E, eds (2014) Mitochondrial physiology – methods, concepts and biomedical perspectives. MiP2014. Mitochondr Physiol Network 19.13:88 pp. ISBN 978-3-9502399-9-7

Laner V, Bidaurratzaga E, Gnaiger E, eds (2013) Comparative Mitochondrial Physiology. MiP2013. Mitochondr Physiol Network 18.08:96 pp. ISBN 978-3-9502399-7-3

Gnaiger E, Meissner B, Laner V, eds (2012) Bioblast 2012: Mitochondrial Competence. Mitochondr Physiol Network 17.12. OROBOROS MiPNet Publications, Innsbruck:96 pp. ISBN 978-3-9502399-5-9

A. Heinemeyer, V. Gruber, M. Bahn (2011) Introducing the ‘Gas-Snake’: design and validation of a versatile membrane-based gas flux measurement system in a grassland soil respiration study

## **TALKS AND POSTER PRESENTATIONS**

Mito Xmas Meeting, Innsbruck, AT (16.-17.12.2016) OXPHOS and ETS capacity in permeabilized fibres of canine superathletes. (Poster)

MitoFit Science Camp, Kuehtai, AT (07.07.-13.07.2016): OXPHOS and ETS capacity in permeabilized fibres of canine superathletes. Analysis of HRR data presenting unexpected challenges. (Talk)

MiPschool Greenville, NC, US (10-14.08.2016): Comparative mitochondrial physiology: OXPHOS and ETS capacity in permeabilized fibres of canine superathletes. (Talk)

MiP2015, Lucni Bouda, CZ (07-09.09.2016): Comparative mitochondrial physiology: OXPHOS and ETS capacity in permeabilized fibres of canine superathletes. (Talk)

MiP2014, Obergurgl, AT (08-12.09.2016) Cytochrome c flux control factor as a quality criterion in respiratory OXPHOS analysis in canine permeabilized fibres. (Poster)