

CURRICULUM VITAE

Name: Peter BÄRTSCH

Date of birth: 25.01.1946

Place of birth: St. Gallen, Switzerland

Current address: Medizinische Klinik der Universität Heidelberg
Innere Medizin VII: Sportmedizin
Im Neuenheimer Feld 410
D-69120 Heidelberg

Phone number: 0049-(0)6221-568101

Fax number: 0049-(0)6221-565972

E-mail: peter.bartsch@med.uni-heidelberg.de

Web-Site: www.klinikum.uni-heidelberg.de/sportmedizin

Education:

1953 - 1966: Primary School and Gymnasium in St. Gallen, Matura Type B

1963 - 1964: Exchange student in Red Bluff, California (American Field Service)

1967 - 1974: School of Medicine, University of Zürich

Diplomas:

1974: Swiss National Approbation

1975: ECFMG Examination (USA)

1981: MD (University of Bern)

1984: Internal Medicine (Federatio Medicorum Helveticorum, FMH)

1990: Habilitation in Internal Medicine (equivalent to PhD degree), University of Bern

1991: Sports Medicine

2009: Physical Therapy

Positions and Appointments:

1974 – 1976: Intern in Internal Medicine, Kantonsspital Bruderholz, Basel

1977 – 1978: Intern in Surgery, Bezirksspital (Niederbipp)

1980 – 1982: Resident in Internal Medicine

1982 – 1983: Senior Resident in Pneumology, Bernische Höhenklinik, Montana

1983 – 1984: Resident in Rheumatology, University Hospital, Zürich

1985 – 1989: Research Fellow, Thrombosis Research Laboratory, Inselspital Bern

1990 – 1991: Head of Exercise Physiology at the Swiss National School of Sports

1991: Chair in Sports Medicine at the University of Heidelberg

Research focus:

- High altitude pulmonary edema and acute mountain sickness
- High altitude training
- Hemostasis in exercise and hypoxia

Awards and Distinctions:

1989: ASTA-Award of the Swiss Society of Pneumology
1991: Award of the Swiss Society of Sports Medicine

Editorial Boards:

- High Altitude Medicine and Biology
- International Journal of Sports Medicine
- Deutsche Zeitschrift für Sportmedizin
- Reviewer for over 20 scientific medical journals in the area of high altitude medicine and sports medicine, amongst them: New Engl. J. Med., JAMA, Lancet, Ann. Int. Med., and Brit. Med. J.

Councils:

- Academy of Swiss Medical Sciences (corresponding member)
- Scientific Council of the German Society of Sports medicine and Prevention (President since 1999)
- Scientific Board of the European College of Sports Science
- Steering Committee NFP53: Muskuloskelettale Gesundheit (Swiss National Science Foundation)

Memberships:

- American Physiological Society
- American College of Sports Medicine
- European Respiratory Society
- Deutsche Gesellschaft für Innere Medizin
- Deutscher Gesellschaft für Sportmedizin und Prävention (Vice-president since 1999)
- Schweizer Gesellschaft für Sportmedizin
- International Society for Mountain Medicine (President 1997 - 2000)

Publications:

143 Original Research Papers
48 Reviews
29 Editorials, Letters and Case Reports
30 Articles in Congress Proceedings
10 Book Chapters

Heidelberg, August 25, 2011

List of Most Important Publications

Original Research

1. Oelz O, Maggiorini M, Ritter M, Waber U, Jenni R, *Bärtsch P*. Nifedipine for high altitude pulmonary edema. *Lancet* 1989;ii:1241-1244.
2. *Bärtsch P*, Baumgartner R, Waber U, Maggiorini M, Oelz O. Controlled trial of breathing O₂-enriched and normal air in acute mountain sickness. *Lancet* 1990;336:772-775.
3. *Bärtsch P*, Maggiorini M, Ritter M, Noti C, Vock P, Oelz O. Prevention of high-altitude pulmonary edema by nifedipine. *N Engl J Med* 1991;325:1284-1289.
4. *Bärtsch P*, Merki B, Hofstetter D, Maggiorini M, Kayser B, Oelz O. Treatment of acute mountain sickness by simulated descent: A randomised controlled trial. *Br Med J* 1993;306:1098-1101.
5. Scherrer U, Vollenweider L, Delabays A, Savcic M, Eichenberger U, Kleger GR, Firkle A, Ballmer P, Nicod P, *Bärtsch P*. Inhaled nitric oxide for high-altitude pulmonary edema. *N Engl J Med* 1996;334:624-629.
6. Grünig E, Mereles D, Hildebrandt W, Swenson ER, Kübler W, Kuecherer H, *Bärtsch P*. Stress doppler echocardiography for identification of susceptibility to high altitude pulmonary edema. *J Am Coll Cardiol* 2000;35:980-987.
7. Swenson E, Maggiorini M, Mongovin S, Gibbs JSR, Greve I, Mairbäurl H, *Bärtsch P*. Pathogenesis of high-altitude pulmonary edema: Inflammation is not an etiologic factor. *JAMA* 2002;287:2228-2235.
8. Kallenberg K, Dehnert C, Dörfler A, Schellinger PD, Bailey DM, Knauth M, *Bärtsch P*. Microhemorrhages in nonfatal high-altitude cerebral edema. *J Cereb Blood Flow Metab* 2008;28:1635-1642.

Invited Reviews

1. *Bärtsch P*, Mairbäurl H, Maggiorini M, Swenson E. Physiological aspects of high-altitude pulmonary edema. *J Appl Physiol* 2005;98:1101-1110.
2. *Bärtsch P*, Gibbs JSR. Effect of altitude on the heart and the lungs. *Circulation* 2007;116:2191-2202.

Editorials

1. *Bärtsch P*. Platelet activation with exercise and risk of cardiac events. *Lancet* 1999;354:1747-1748.
2. *Bärtsch P*. How thrombogenic is hypoxia? *JAMA* 2006;295:2297-2299

