

Wolfarth, Bernd - Schriftenverzeichnis (kurz)

Veröffentlichungen (nur peer-review):

1. Sarzynski MA, Loos RJ, Lucia A, Pérusse L, Roth SM, Wolfarth B, Rankinen T, Bouchard C. Advances in Exercise, Fitness, and Performance Genomics in 2015. *Med Sci Sports Exerc.* 2016 May 13.
2. Weippert M, Divchev D, Schmidt P, Gettel H, Neugebauer A, Behrens K, Wolfarth B, Braumann KM, Nienaber CA. Cardiac troponin T and echocardiographic dimensions after repeated sprint vs. moderate intensity continuous exercise in healthy young males. *Sci Rep.* 2016 Apr 19;6:24614.
3. Rankinen T, Fuku N, Wolfarth B, Wang G, Sarzynski MA, Alexeev DG, Ahmetov II, Boulay MR, Cieszczyk P, Eynon N, Filipenko ML, Garton FC, Generozov EV, Govorun VM, Houweling PJ, Kawahara T, Kostryukova ES, Kulemin NA, Larin AK, Maciejewska-Karłowska A, Miyachi M, Muniesa CA, Murakami H, Ospanova EA, Padmanabhan S, Pavlenko AV, Pyankova ON, Santiago C, Sawczuk M, Scott RA, Uyba VV, Yvert T, Perusse L, Ghosh S, Rauramaa R, North KN, Lucia A, Pitsiladis Y, Bouchard C. No Evidence of a Common DNA Variant Profile Specific to World Class Endurance Athletes. *PLoS One.* 2016 Jan 29;11(1):e0147330.
4. Foryst-Ludwig A, Kreissl MC, Benz V, Brix S, Smeir E, Ban Z, Januszewicz E, Salatzki J, Grune J, Schwanstecher AK, Blumrich A, Schirbel A, Klopffleisch R, Rothe M, Blume K, Halle M, Wolfarth B, Kershaw EE, Kintscher U. Adipose Tissue Lipolysis Promotes Exercise-induced Cardiac Hypertrophy Involving the Lipokine C16:1n7-Palmitoleate. *J Biol Chem.* 2015 Sep 25;290(39):23603-15.
5. Burns J, Mason C, Mueller N, Ohlander J, Zock JP, Drobnic F, Wolfarth B, Heinrich J, Omenaas E, Stensrud T, Nowak D, Radon K; GA2LEN-Olympic Study-Team; European Community Respiratory Health Survey. Asthma prevalence in Olympic summer athletes and the general population: An analysis of three European countries. *Respir Med.* 2015 Jul;109(7):813-20.
6. Loos RJ, Hagberg JM, Pérusse L, Roth SM, Sarzynski MA, Wolfarth B, Rankinen T, Bouchard C. Advances in exercise, fitness, and performance genomics in 2014. *Med Sci Sports Exerc.* 2015 Jun;47(6):1105-12.
7. Wolfarth B, Rankinen T, Hagberg JM, Loos RJ, Pérusse L, Roth SM, Sarzynski MA, Bouchard C. Advances in exercise, fitness, and performance genomics in 2013. *Med Sci Sports Exerc.* 2014;46(5):851-9.
8. Speed C, Wolfarth B. Challenges of pain masking in the management of soft tissue disorders: optimizing patient outcomes with a multi-targeted approach. *Curr Med Res Opin.* 2014 May;30(5):953-9.
9. Wuestenfeld JC, **Wolfarth B.** Special considerations for adolescent athletic and asthmatic patients. *J Sports Med.* 2013 Jan 10;4:1-7.

10. Wang G, Padmanabhan S, **Wolfarth B**, Fuku N, Lucia A, Ahmetov II et al. Genomics of Elite Sporting Performance: What little We Know and Necessary Advances. *Adv Genet* 2013;84:123-49.
11. **Wolfarth B**, Blume K. Belastungssteuerung im Nachwuchsleistungssport. *Z. Angew. Trainingswissenschaft* 2013, 20 (2): 115 - 123
12. Gonzalez d, V, Speed C, **Wolfarth B**, Gonzalez J. Traumeel vs. diclofenac for reducing pain and improving ankle mobility after acute ankle sprain: a multicentre, randomised, blinded, controlled and non-inferiority trial. *Int J Clin Pract* 2013 October;67(10):979-89.
13. Pitsiladis Y, Wang G, **Wolfarth B**, Scott R, Fuku N, Mikami E et al. Genomics of elite sporting performance: what little we know and necessary advances. *Br J Sports Med* 2013 June;47(9):550-5.
14. **Wolfarth B**, Gonzalez d, V. Make an impact on your daily practice: the potential role for a natural multi-target medication. *Curr Med Res Opin* 2013;29 Suppl 2:15-9.
15. **Wolfarth B**, de Vega CG, Kapranov P, St LG, Speed C. Inflammation in soft tissue disorders: the evidence and potential role for a natural multi-target medication. *Curr Med Res Opin* 2013;29 Suppl 2:1-2.
16. Perusse L, Rankinen T, Hagberg JM, Loos RJ, Roth SM, Sarzynski MA, **Wolfarth B** et al. Advances in exercise, fitness, and performance genomics in 2012. *Med Sci Sports Exerc* 2013 May;45(5):824-31.
17. Rank M, Siegrist M, Wilks DC, Langhof H, **Wolfarth B**, Haller B et al. The cardio-metabolic risk of moderate and severe obesity in children and adolescents. *J Pediatr* 2013 July;163(1):137-42.
18. Siegrist M, Rank M, **Wolfarth B**, Langhof H, Haller B, Koenig W et al. Leptin, adiponectin, and short-term and long-term weight loss after a lifestyle intervention in obese children. *Nutrition* 2013 June;29(6):851-7.
19. Pottgiesser T, Schumacher YO, **Wolfarth B**, Schmidt-Trucksass A, Bauer G. Longitudinal observation of Epstein-Barr virus antibodies in athletes during a competitive season. *J Med Virol* 2012 September;84(9):1415-22.
20. Scherr J, **Wolfarth B**, Christle JW, Pressler A, Wagenpfeil S, Halle M. Associations between Borg's rating of perceived exertion and physiological measures of exercise intensity. *Eur J Appl Physiol* 2013 January;113(1):147-55.
21. **Wolfarth B**, Schreiber H, Eder K, Spahl O. Die sportmedizinische Betreuung der deutschen Olympiamannschaft in London. *Leistungssport* 2013 (43) 1: 25-29.
22. Scherr J, Schuster T, Pressler A, Roeh A, Christle J, **Wolfarth B** et al. Repolarization perturbation and hypomagnesemia after extreme exercise. *Med Sci Sports Exerc* 2012 September;44(9):1637-43.
23. Rank M, Siegrist M, Wilks DC, Haller B, **Wolfarth B**, Langhof H et al. Long-term effects of an inpatient weight-loss program in obese children and the role of

- genetic predisposition-rationale and design of the LOGIC-trial. *BMC Pediatr* 2012;12:30.
24. Roth SM, Rankinen T, Hagberg JM, Loos RJ, Perusse L, Sarzynski MA, **Wolfarth B** et al. Advances in exercise, fitness, and performance genomics in 2011. *Med Sci Sports Exerc* 2012 May;44(5):809-17.
 25. Pressler A, Vogel A, Scherr J, **Wolfarth B**, Halle M. Applying the "Viskin test": QT interval in response to standing in elite athletes. *Int J Cardiol* 2012 January 12;154(1):93-4.
 26. Pressler A, Haller B, Scherr J, Heitkamp D, Esefeld K, Boscheri A, **Wolfarth B** et al. Association of body composition and left ventricular dimensions in elite athletes. *Eur J Prev Cardiol* 2012 October;19(5):1194-204.
 27. Scherr J, Nieman DC, Schuster T, Habermann J, Rank M, Braun S, **Wolfarth B** et al. Nonalcoholic beer reduces inflammation and incidence of respiratory tract illness. *Med Sci Sports Exerc* 2012 January;44(1):18-26.
 28. Roth SM, Rankinen T, Hagberg JM, Loos RJ, Perusse L, Sarzynski MA, **Wolfarth B**, Bouchard C. Advances in Exercise, Fitness, and Performance Genomics in 2011. *Med Sci Sports Exerc.* 2012 Feb 9. [Epub ahead of print]
 29. Scherr J, Geissler U, Waibel KH, Blume K, Maier W, Halle M, **Wolfarth B**. Physiologische Einflussfaktoren im Alpinen Skirennlauf. *Sportorthopädie Sporttraumatologie*, 2011 (4). 239-246
 30. Blume K, Wüstenfeld J, Heilmann C, Scherr J, Halle M, **Wolfarth B**. Medizinische und leistungsdiagnostische Kenngrößen im nordischen Skisport. *Sportorthopädie Sporttraumatologie*, 2011 (4). 228-238
 31. **Wolfarth B**. Besondere Anforderungen an Training und Wettkampf bei Typ-1-Diabetes. *Thieme Case Report*. 2011 (4): 16-17.
 32. Pressler A, Haller B, Scherr J, Heitkamp D, Esefeld K, Boscheri A, **Wolfarth B**, Halle M. Association of body composition and left ventricular dimensions in elite athletes. *Eur J Cardiovasc Prev Rehabil*. 2011 Sep 1.
 33. Hagberg JM, Rankinen T, Loos RJ, Pérusse L, Roth SM, **Wolfarth B**, Bouchard C. Advances in exercise, fitness, and performance genomics in 2010. *Med Sci Sports Exerc.* 2011 May;43(5):743-52
 34. Scherr J, Braun S, Schuster T, Hartmann Ch, Moehlenkamp S, **Wolfarth B**, Pressler A, Halle M. 72-hour kinetics of high-sensitive troponin T and inflammatory markers after marathon. *Med Sci Sports Exerc* 2011
 35. Wüstenfeld J, Kindermann W, **Wolfarth B**. Leistungssteigernde Effekte von inhalativen β 2-Agonisten bei Athleten ohne Asthma. *Z. Angew. Trainingswissenschaft* 2011, 18 (1) 87-100.
 36. Scherr J, Pressler A, **Wolfarth B**, Halle M. Presumed Recurrent Spontaneous Pneumomediastinum in a Triathlete Wearing a Tightly Fitting Wetsuit. *Am J Sports Med*. 2011 Mar 3.
 37. Thomas S, **Wolfarth B**, Wittmer C, Nowak D, Radon K. Self-reported asthma and allergies in top athletes compared to the general population - results of the

- German part of the GA2LEN-Olympic study 2008. *Allergy Asthma Clin Immunol* 2010;6(1):31.
38. Doring FE, Onur S, Geisen U, Boulay MR, Perusse L, Rankinen T, Rauramaa R, **Wolfarth B**, Bouchard C. ACTN3 R577X and other polymorphisms are not associated with elite endurance athlete status in the Genathlete study. *J Sports Sci* 2010 October;28(12):1355-9.
 39. **Wolfarth B**, Spahl, O, Eder, K., Scherr, J. Olympische Winterspiele in Vancouver – eine besondere Herausforderung für die sportmedizinische und -physiotherapeutische Betreuung. *Leistungssport* 2010 (40) 3, 18-22.
 40. Scherr J, **Wolfarth B**, Pressler A, Halle M. Interleukin-6 and sudden cardiac death – is there a relevance for marathon runners? *Arterioscler Thromb Vasc Biol* 2010 Nov.
 41. Holzappel C, Siegrist M, Rank M, Langhof H, Grallert H, Baumert J, Irimie C, Klopp N, **Wolfarth B**, Illig T, Hauner H, Halle : Association of a melatonin receptor 1B (MTNR1B) gene variant with fasting glucose and HOMA-B in children and adolescents of high BMI-SDS groups. *Eur J Endocrinol.* 2010
 42. Doring F, Onur S, Fischer A, Boulay MR, Perusse L, Rankinen T, Rauramaa R, **Wolfarth B**, Bouchard C. A common haplotype and the Pro582Ser polymorphism of the hypoxia-inducible factor-1alpha (HIF1A) gene in elite endurance athletes. *J Appl Physiol* 2010 June;108(6):1497-500.
 43. Doring F, Onur S, Kurbitz C, Boulay MR, Perusse L, Rankinen T, Rauramaa R, **Wolfarth B**, Bouchard C. Single nucleotide polymorphisms in the myostatin (MSTN) and muscle creatine kinase (CKM) genes are not associated with elite endurance performance. *Scand J Med Sci Sports* 2010 June 1.
 44. Hoffmann D, **Wolfarth B**, Horterer HG, Halle M, Reichhuber C, Nadas K, Tora C, Erle V, Protzer U, Schatzl HM. Elevated Epstein-Barr virus loads and lower antibody titers in competitive athletes. *J Med Virol* 2010 March;82(3):446-51.
 45. Rankinen T, Roth SM, Bray MS, Loos R, Perusse L, **Wolfarth B**, Hagberg JM, Bouchard C. Advances in exercise, fitness, and performance genomics. *Med Sci Sports Exerc* 2010 May;42(5):835-46.
 46. Thormann S, **Wolfarth B**. TUE - Die medizinische Ausnahmegenehmigung. *Deutsche Zeitschrift für Sportmedizin* 61[7-8], 3-4. 2010.
 47. **Wolfarth B**, Wuestenfeld JC, Kindermann W. Ergogenic Effects of Inhaled β 2-Agonists in Non-Asthmatic Athletes. *Endocrin. Metab ClinNA* 2010, 39: 75-87.
 48. Pressler A, Scherr J, **Wolfarth B**, Halle M. T-wave inversions in elite athletes: the best predictors have yet to be determined. *Eur Heart J* 2009, 23: 2947-2948.
 49. Bray MS, Hagberg JM, Perusse L, Rankinen T, Roth SM, **Wolfarth B** et al. The human gene map for performance and health-related fitness phenotypes: the 2006-2007 update. *Med Sci Sports Exerc* , 2009 Jan;41(1):35-73.
 50. **Wolfarth B**, Engelhardt M, Eder K, Kindermann W. Sportmedizinische Betreuung bei den Olympischen Spielen 2008. *Leistungssport* 2009, 39 (1): 21-24.

51. **Wolfarth B.** Commentary on viewpoint: Perspective on the future use of genomics in exercise prescription. *J Appl Physiol* 2008 April;104(4):1252.
52. Pottgiesser T., Schumacher YO., **Wolfarth B.**, Bauer G. Epstein-Barr Virus Infektionen: Diagnostik und Serologie. *DZSM* 2008, 59 (5): 126-127.
53. **Wolfarth B.**, Rankinen T, Mühlbauer S, Ducke M, Rauramaa R, Boulay MR et al. Endothelial nitric oxide synthase gene polymorphism and elite endurance athlete status: the Genathlete study. *Scand J Med Sci Sports* 2008 August;18(4):485-90.
54. **Wolfarth B.**, Rankinen T., Mühlbauer S., Scherr J., Boulay MR., Perusse L., Rauramaa R., Bouchard C. Association between a β 2-adrenergic receptor polymorphism and elite endurance performance. *Metabolism Clinical and Experimental*, 56 (2007) 1649-1651.
55. Pottgiesser T, **Wolfarth B.**, Schumacher YO, Bauer G. Epstein-Barr virus serostatus: no difference despite aberrant patterns in athletes and control group. *Med Sci Sports Exerc* 2006; 38 (10): 1782-91.
56. Rankinen T, Bray MS, Hagberg JM, Perusse L, Roth SM, **Wolfarth B.**, Bouchard C. The human gene map for performance and health-related fitness phenotypes: The 2005 update. *Med Sci Sports Exerc* 2006; 38(11): 1863 -1888.
57. **Wolfarth B.**, Graf-Baumann T, Halle M. [World Football Championship 2006--anti-doping regulations]. *MMW Fortschr Med* 2006; 148(23): 41-43.
58. Halle M, **Wolfarth B.** [Sudden cardiac death in sports]. *MMW Fortschr Med* 2006; 148(23): 38-40.
59. **Wolfarth B.**, Halle M. [FIFA World Cup 2006--healthcare services]. *MMW Fortschr Med* 2006; 148(23): 28-30.
60. **Wolfarth B.** Comments on Point-Counterpoint "Positive effects of intermittent hypoxia (live high:train low) on exercise performance are/are not mediated primarily by augmented red cell volume". *J Appl Physiol* 2006; 100(1): 369-370.
61. Huber G, Kreutzer P, Eder U, Scherer M, **Wolfarth B.** Olympische Winterspiele Turin - eine besondere Herausforderung für die medizinische Betreuung. *Leistungssport* 2006, 36 (4): 25-28.
62. **Wolfarth B.**, Bray MS, Hagberg JM, Perusse L, Rauramaa R, Rivera MA, Roth SM, Rankinen T, Bouchard C. The human gene map for performance and health-related fitness phenotypes: the 2004 update. *Med Sci Sports Exerc* 2005; 37(6): 881-903.
63. **Wolfarth B.** Anti-Doping-Vorgaben im Hochleistungssport – Pitfalls im täglichen Leben des betreuenden Sportmediziners. *Sportorthopädie – Sporttraumatologie* 2005 , 21 (3): 179 - 182
64. Heinicke K, Heinicke I, Schmidt W, **Wolfarth B.** A three-week traditional altitude training increases hemoglobin mass and red cell volume in elite biathlon athletes. *Int J Sports Med* 2005; 26(5): 350-355.

65. Halle M, Korsten-Reck U, **Wolfarth B**, Berg A. Low-grade systemic inflammation in overweight children: impact of physical fitness. *Exerc Immunol Rev* 2004; 10: 66-74.
66. Korsten-Reck U, Kromeyer-Hauschild K, **Wolfarth B**, Dickhuth HH, Berg A. Freiburg Intervention Trial for Obese Children (FITOC): results of a clinical observation study. *Int J Obes Relat Metab Disord* 2005; 29(4): 356-361.
67. Rankinen T, Perusse L, Rauramaa R, Rivera MA, **Wolfarth B**, Bouchard C. The human gene map for performance and health-related fitness phenotypes: The 2003 update. *Med Sci Sports Exerc* 2004; 36(9): 1451-1469.
68. Perusse L, Rankinen T, Rauramaa R, Rivera MA, **Wolfarth B**, Bouchard C. The human gene map for performance and health-related fitness phenotypes: The 2002 update. *Med Sci Sports Exerc* 2003; 35(8): 1248-1264.
69. Steinacker JM, **Wolfarth B**. Molekularbiologie und Molekulargenetik: Eine zukünftige Herausforderung in der Sportmedizin. *Deutsche Zeitschrift für Sportmedizin* 2002; 53(12): 337.
70. Mühlbauer S, **Wolfarth B**. Genetische Polymorphismen und linksventrikuläre Masse bei hochtrainierten Ausdauerathleten. *Deutsche Zeitschrift für Sportmedizin* 2002; 53(12): 376-382.
71. **Wolfarth B**. Genetische Polymorphismen bei hochtrainierten Ausdauerathleten - die Genathlete-Studie. *Deutsche Zeitschrift für Sportmedizin* 2002; 53(12): 338-345.
72. Schmidt W, Heinicke K, Rojas J, Manuel GJ, Serrato M, Mora M, **Wolfarth B**, Schmid A, Keul J. Blood volume and hemoglobin mass in endurance athletes from moderate altitude. *Med Sci Sports Exerc* 2002; 34(12): 1934-1940.
73. Rankinen T, Perusse L, Rauramaa R, Rivera MA, **Wolfarth B**, Bouchard C. The human gene map for performance and health-related fitness phenotypes: The 2001 update. *Med Sci Sports Exerc* 2002; 34(8):1219-1233.
74. Korsten-Reck U, Rudloff C, Kayser R, Esser KJ, Grupe M, Emunds U, Kromeyer-Hauschild K, Rucker G, **Wolfarth B**, Berg A. [Freiburg intervention program for ambulatory therapy of obesity in childhood (FITOC)]. *Versicherungsmedizin* 2002; 54(1): 21-25.
75. **Wolfarth B**. Nutzen und Risiken der Gentechnik für den Sport. *Leistungssport* 2002; 1: 5-8.
76. Heinicke K, **Wolfarth B**, Winchenbach P, Biermann B, Schmid A, Huber G, Friedmann B, Schmidt W. Blood volume and hemoglobin mass in elite athletes of different disciplines. *Int J Sports Med* 2001; 22(7): 504-512.
77. **Wolfarth B**. Polymorphism and Exercise Performance. *European Journal of Sport Science* 2001; 1 (2).
78. Rankinen T, Perusse L, Rauramaa R, Rivera MA, **Wolfarth B**, Bouchard C. The human gene map for performance and health-related fitness phenotypes. *Medicine & Science in Sports & Exercise* 2001; 33(6): 855-867.

79. **Wolfarth B.** Neues im Skilanglauf – Konsequenzen für das Training. FdSnow 2001; 18/19: 20-22.
80. **Wolfarth B,** Rivera MA, Oppert JM, Boulay MR, Dionne FT, Chagnon M et al. A polymorphism in the alpha2a-adrenoceptor gene and endurance athlete status. Med Sci Sports Exerc 2000;32(10): 1709-12.
81. Rankinen T, **Wolfarth B,** Simoneau JA, Maier-Lenz D, Rauramaa R, Rivera MA et al. No association between the angiotensin-converting enzyme ID polymorphism and elite endurance athlete status. Journal of Applied Physiology 2000;88(5): 1571-5.
82. Korsten-Reck U, **Wolfarth B,** Bonk M, Keul J, Berg A. [The Freiburg Intervention Trial for Obesity in Children (FITOC)]. Z.Arztl.Fortbild.Qualitatssich. 2000;94(8): 677-81.
83. **Wolfarth B.** Gesundheitsfördernde Effekte des Skisports aus internistischer Sicht. FdSnow 2000; 16: 46-48.
84. **Wolfarth B,** Keul J. Molecular genetics - a future task in Sports Medicine. Sportorthopädie - Sporttraumatologie 1998;14(4): 168-71.
85. Korsten-ReckU, **Wolfarth B,** Berg A, Keul J. 10 Jahre Sport und Ernährung. Diät und Ernährung Information 1998; 82-83.
86. Rivera MA, **Wolfarth B,** Dionne FT, Chagnon M, Simoneau, JA et al. Three mitochondrial DNA restriction polymorphisms in elite endurance athletes and sedentary controls. Medicine & Science in Sports & Exercise 1998;30(5):687-90.
87. Keul J, **Wolfarth B,** Schütz T, Huonker M, Jakob E. Cardiocirculatory Adaptation and limiting factors in cross-country skiers. Sportorthopädie - Sporttraumatologie 1998;14(1):1-7.
88. Rivera MA, Dionne FT, **Wolfarth B,** Chagnon M, Simoneau, JA et al. Muscle-specific creatine kinase gene polymorphisms in elite endurance athletes and sedentary controls. Medicine & Science in Sports & Exercise 1997;29(11):1444-7.
89. Korsten-Reck U, **Wolfarth B,** Berg A, Keul J. Sport und ernährung – ein ambulantes Programm für adipöse Kinder. Z. Ernährungswiss. 1997; 36:91.
90. Korsten-Reck U, Bauer S, **Wolfarth B,** Berg A, Keul J. Ambulantes Trainingsprogramm für adipöse Kinder. TW Pädiatrie 1997; 10:21-31.
91. Korsten-Reck U, Rothfuss S, Bauer S, **Wolfarth B,** Berg A, Keul J. Sport und Ernährung – ein ambulantes Programm für adipöse Kinder (Langzeiterfahrungen). Praktische Pädiatrie 1997; 3:66-72.
92. Wick W, Petersen I, Schmutzler RK, **Wolfarth B,** Lenartz D, Bierhoff E et al. Evidence for a novel tumor suppressor gene on chromosome 15 associated with progression to a metastatic stage in breast cancer. Oncogene 1996;12(5):973-8.

93. Keul J, König D, Huonker M, Halle M, **Wolfarth B**, Berg A. Adaptation to training and performance in elite athletes. *Res.Q.Exerc.Sport* 1996;67(3 Suppl):S29-S36.
94. **Wolfarth B**, Jeron A, Herbst EW. [T-cell rich B-cell lymphoma: diagnosis, differential diagnosis, and classification of two representative cases]. *Immun.Infekt.* 1995;23(2):57-9.

Buchbeiträge:

1. Blume K., Pitsiladis Y., Wang G., **Wolfarth B.**, Genetik der Leistungsfähigkeit und Trainierbarkeit. In: Bachl N., Löllgen H., Molekulare Leistungsphysiologie (in press), 2014
2. Thormann S., **Wolfarth B.**, Medication and anti-doping rules in competitive sports. In: Engelhardt M, Dörr A, editors. Neunplus1, Berlin, 2011
3. Pitsiladis Y., Wang G., **Wolfarth B.** Genomics of aerobic capacity and endurance performance - clinical implications. In: Roth S, Pescatello L, editors. Exercise Genomics. Springer, New York, 2011
4. **Wolfarth B.** Genes and Endurance Performance. In: Bouchard C, Hoffman E, editors. Genetic and Molecular Aspect of Sports Performance. Wiley-Blackwell, Oxford, 2010.
5. **Wolfarth B.**, Halle M. Chronische Erkrankung und Leistungssport. In: Halle M, Schmidt-Trucksäss A, Hambrecht R, Berg A, editors. Sporttherapie in der Medizin. Schattauer, Stuttgart. 2008. 365 - 369.
6. **Wolfarth B.** Aspekte der Bekämpfung des Dopings unter Verwendung gentechnischer Erkenntnisse. In: Bundesinstitut für Sportwissenschaften, editor. BISP Jahrbuch 2007. Leipziger Verlagsanstalt GmbH, Leipzig, 2008.
7. **Wolfarth B.** Bedeutung des Hämatokrit und Hämoglobin im Leistungssport und genetische Einflüsse. In: Bundesinstitut für Sportwissenschaften, editor. Verbotene Methoden – Erhöhung des Sauerstofftransfers. Schriftenreihe des BISP 2008-3. Leipziger Verlagsanstalt GmbH, Leipzig, 2008: 23-28.
8. **Wolfarth B.** Mit Sport gesund werden: Sport als Medizin. In: Mittermaier R, Neureuther C, editors. Die Heilkraft des Sports. Nymphenburger Verlag, München. 2008. 82 - 127.
9. **Wolfarth B.**, Hartmann M., Schneider C. Gesundheit und Nordic Walking. In: Wörle A, editor. Nordic Walking Lehrplan. Freiburger Graphische Betriebe, Freiburg, 2008. 140 - 160.
10. **Wolfarth B.** Schneesport als Medizin. In: Mittermaier R, Neureuther C, editors. Neuer Schwung. Nymphenburger Verlag, München. 2008. 68 - 93.
11. **Wolfarth B.**, Hartmann M. Training und Sportphysiologie. In: Schwirtz A, editor. DSV Lehrplan Skilanglauf: Technik – Methodik – Training. Freiburger Graphische Betriebe, Freiburg, 2008. 149 - 164.
12. **Wolfarth B.** Aspekte der Bekämpfung des Dopings unter Verwendung gentechnischer Erkenntnisse. In: Bundesinstitut für Sportwissenschaften, editor. BISP Jahrbuch 2007.
13. Pottgiesser T, Schumacher YO, **Wolfarth B.**, Bauer G. Rationale und rationelle EBV-Diagnostik im Leistungssport. Evaluation von Quer- und Längsschnittdaten bei Ausdauerathleten unterschiedlicher Leistungsklassen. In: Bundesinstitut für Sportwissenschaften, editor. BISP Jahrbuch 2003. 2004: 183-190.

14. **Wolfarth B.** Polymorphismen und Ausdauerleistung: Die Genathlete-Studie. In: Jeschke D, Lorenz R, editors. Sportmedizinische Trainingssteuerung: Sport - Prävention - Therapie. Sport & Buch Strauß, 2003.
15. Bouchard C, **Wolfarth B**, Rivera MA, Gagnon J, Simoneau JA. Genetic Determinants of Endurance Performance. In: Shephard RJ, Astrand PO, editors. Endurance in Sport. 2 ed. Blackwell Science Ltd.; 2000. p. 223-44.
16. Berg A, Korsten-Reck U, **Wolfarth B**, Halle M, Baumstrak M, Keul J. The Freiburg Intervention Trial of Exercise and Diet in Obese Children (The FITOC-Study). In: Hanefeld M, Jaross W, Leonhardt W, Dude H eds. Advances in Lipoprotein and Atherosclerosis Research, Diagnostics and Treatment. Jena, Stuttgart, Lübeck, Ulm: Gustav Fischer Verlag, 1998, 225-230.