

PUBLIKATIONSLISTE

wissenschaftlicher Arbeiten

Mag. DDr. Manfred **LAMPRECHT**

Privatdozent für Physiologie

Green Beat – Institut f. Nährstoff-Forschung u. Sporternährung

Petersbergenstrasse 95b

8042 Graz

AUSTRIA

Telefon: +436641328287

E-mail: manfred.lamprecht@greenbeat.at

Graz, August 2025

I. WISSENSCHAFTLICHE PUBLIKATIONEN GELISTET IN SCIENCE CITATION INDEX bzw. PUBMED (mit IF-Faktor)

1. Ziegler T., Tsiontsiou M., Meixner-Goetz L., Cvirk G., **Lamprecht M.**: Polyphenols' impact on selected biomarkers of brain aging in healthy middle-aged and elderly subjects: a review of clinical trials. **Nutrients**, DOI: 10.3390/nu15173770, 2023.
2. Mekonen W., Schwaberger G., **Lamprecht M.**, Hofmann P.: Whole body substrate metabolism during different exercise intensities with special emphasis on blood protein changes in trained subjects – a pilot study. **Journal of Functional Morphology and Kinesiology**, 8, 102, 2023.
3. Dams S., Holasek S., Tsiontsiou M., Edelsbrunner M., Dietz P., Koefeler H., Malliga D.-E., Gürbüz A., Maier-Allard N., Poncza B., Lackner S., Schwarzenberger E., Jansenberger Y., **Lamprecht M.**: Effects of a plant-based fatty acid supplement and a powdered fruit, vegetable and berry juice concentrate on omega-3-indices and serum micronutrient concentrations in healthy subjects. **International Journal of Food Sciences and Nutrition**, DOI:10.1080/09637486.2020.1725960, 2020.
4. Azzolina D., Vedovelli L., Gallipoli S., French M., Ghidina M., **Lamprecht M.**, Tsiontsiou M., Lorenzoni G., Gregori D.: Nutrients and caloric intake associated with fruits, vegetables, and legumes in the elderly European population. **Nutrients**, DOI: 10.3390/nu12092746, 2020.
5. Tafeit E., Cvirk G., **Lamprecht M.**, Hohensinn M., Moeller R., Hamlin M., Horejsi R.: Using body mass index ignores the intensive training of elite special force personnel. **Experimental Biol and Med** DOI:10.1177/1535370219848986; 2019.
6. Lorenzoni G., Minto C., Vecchio M.G., Zec S., Paolin I., **Lamprecht M.**, Mestroni L., Gregori D.: Fruit and vegetable concentrate supplementation and cardiovascular health:

a systematic review from a public health perspective. **Journal of Clinical Medicine**, 8, DOI:10.3390/jcm8111914, 2019.

7. Jäger R., Mohr A.E. Carpenter K.C.,.....**Lamprecht M.**,.....Antonio J.: International Society of Sports Nutrition Position Stand: Probiotics. **Journal of the International Society of Sports Nutrition**, DOI.ORG/10.1186/s12970-019-0329-0, 2019.
8. Tafeit E., Cvirk G., **Lamprecht M.**, Hohensinn M., Möller R., Hamlin M.J., Horejsi R.: Using body mass index ignores the intensive training of elite special force personnel. **Experimental Biology and Medicine** 244(11):, DOI: 10.1177/1535370219848986, 2019.
9. Dams S., Holasek S. Tsiontsioura M., Malliga D.-E., Meier-Allard N., Poncza B., Lackner S., Jansenberger Y., **Lamprecht M.**: An encapsulated fruit, vegetable and berry juice powder concentrate increases plasma values of specific carotenoids and vitamins. **International Journal for Vitamin and Nutrition Research**, DOI: 10.1024/0300-9831/a000609, 2019.
10. Minto C., Vecchio M.G., **Lamprecht M.**, Gregori D.: Definition of a tolerable upper intake level of niacin: A meta-analysis of the dose-dependent effects of nicotinamide and nicotinic acid supplementation. **Nutrition Reviews**, 75(6), 471 – 490, 2017.
11. Bresciani L., Martini D., Mena P., Tassotti M., Calani L., Brigati G., Brighenti F., Holasek S., Malliga D.-E., **Lamprecht M.**, DelRio D.: Absorption profile of (poly)phenolic compounds after consumption of three food supplements containing 36 different fruits, vegetables, and berries. **Nutrients**, DOI: 10.3390/nu9030194, 2017.
12. Stadlbauer V., Leber B., Lemesch S., Trajanoski S., Bashir M., Horvath A., Tawdrous M., Stojakovic T., Fauler G., Fickert P., Hoegenauer C., Klymiuk I., Stiegler P., **Lamprecht M.**, Pieber T.R., Tripolt N.J., Sourij H.: *Lactobacillus casei Shirota* supplementation does not restore gut microbiome composition and gut barrier in metabolic syndrome: a randomized pilot study. PONE-D-15-34426R1; **PLoS One**, 28,10(10):e0141399, 2015.
13. **Lamprecht M.**, Bogner S., Steinbauer K., Schuetz B., Greilberger J.F., Leber B., Wagner B., Zinser E., Petek T., Wallner-Liebmann S., Oberwinkler T., Bachl N., Schipplinger G.: Effects of zeolite supplementation on parameters of intestinal barrier integrity, inflammation, redoxbiology and performance in aerobically trained subjects. **Journal of the International Society of Sports Nutrition**, DOI:10.1186/s12970-015-0101-z; 12:40, 2015.
14. **Lamprecht M.**, Obermayer G., Seebauer W.: Influence of mixed fruit and vegetable concentrates on redox homeostasis and immune system of exercising people. **Antioxidants in Sport Nutrition**, Chapter 12, 183 - 202; Lamprecht (Ed.); CRC Press, Taylor & Francis Group, Boca Raton, Florida, USA, 2015.
15. **Lamprecht M.**, Frauwallner A.: Exercise, intestinal barrier dysfunction and probiotic supplementation. **Med Sport Sci**, 59, DOI: 10.1159/000342169, 2013.

16. **Lamprecht M.**: Supplementation with mixed fruit and vegetable concentrates in relation to athlete's health and performance: scientific insight and practical relevance. *Med Sport Sci*, 59, DOI: 10.1159/000341960, 2013.
17. **Lamprecht M.**, Moussalli H., Ledinski G., Leschnik B., Schlagenhauf A., Koestenberger M., Polt G., Cvirn G.: Effects of a single bout of walking exercise on blood coagulation parameters in obese women. *Journal of Applied Physiology*, 115, 57 – 63, 2013.
18. **Lamprecht M.**, Obermayer G., Steinbauer K., Cvirn G., Hofmann L., Ledinski G., Greilberger J.F., Hallstroem S.: Supplementation with a juice powder concentrate and exercise decrease oxidation and inflammation, and improve the microcirculation in obese women: randomised controlled trial data. *British Journal of Nutrition*, 16, 1-11, 2013.
19. **Lamprecht M.**, Bogner S., Schipperger G., Steinbauer K., Fankhauser F., Hallstroem S., Schuetz B., Greilberger J.F.: Probiotic supplementation affects markers of intestinal barrier, oxidation, and inflammation in trained men; a randomized double-blinded, placebo-controlled trial. *Journal of the International Society of Sports Nutrition*, DOI: 10.1186/1550-2783-9-45, 9:45, 2012.
20. Nikolaidis M.G., Kerksick C.M., **Lamprecht M.**, McAnulty S.R.: Does vitamin C and E supplementation impair the favorable adaptations of regular exercise? *Oxidative Medicine and Cellular Longevity*, Volume 2012 (special issue). Article ID: 707941, DOI: 10.1155/2012/707941, 2012.
21. Nikolaidis M.G., Kerksick C.M., **Lamprecht M.**, McAnulty S.R.: Redox biology of exercise. *Oxidative Medicine and Cellular Longevity*, Volume 2012 (special issue). Article ID: 407978, DOI: 10.1155/2012/407978, 2012.
22. **Lamprecht M.**, Hofmann P., Greilberger J.F., Schwaberger G.: Two weeks of antioxidant supplementation can increase lipid peroxidation in trained men. *International Journal of Sport Nutrition and Exercise Metabolism*, 19, 385-99, 2009.
23. **Lamprecht M.**, Oettl K., Schwaberger G., Hofmann P., Greilberger J.: Protein modification responds to exercise intensity and antioxidant supplementation. *Medicine & Science in Sports & Exercise*, 41, 155 – 63, 2009.
24. **Lamprecht M.**, Greilberger J.F., Schwaberger G., Hofmann P., Oettl K.: Single bouts of exercise affect albumin redox state and carbonyl groups on plasma protein of trained men in a workload dependent manner. *Journal of Applied Physiology*, 104, 1611 - 17, 2008.
25. Greilberger J., Koidl C., Greilberger J.F., **Lamprecht M.**, Schroeksnael K., Leblhuber F., Fuchs D., Oettl K.: Malondialdehyde, Carbonyl proteins and Albumin-disulfide as useful oxidative markers in Mild Cognitive and Alzheimer's disease. *Free Radical Research*, 42, 633 - 8, 2008.

26. **Lamprecht M.**, Oettl K., Schwaberger G., Hofmann P., Greilberger J.: Several indicators of oxidative stress, immunity and illness improved in trained men consuming an encapsulated juice powder concentrate for 28 weeks. **Journal of Nutrition**, 137, 2737 – 41, 2007.
27. **Lamprecht M.**, Greilberger J., Öttl K.: Analytical aspects of oxidatively modified substances in sports and exercises. **Nutrition**, 20, 728 – 30, 2004.
28. Hinghofer-Szalkay H., Mekonen W., Rössler A., Schwaberger G., **Lamprecht M.**, Hofmann P.: Post-exercise decrease of plasma hyaluronan: increased clearance or diminished production? **Physiological Research**, 51, 139 – 44, 2002.
29. Mlekusch W., Tillian M., **Lamprecht M.**, Öttl K., Krainz H., Reibnegger G.: The life-shortening effect of reduced physical activity is abolished by a fat rich diet. **Mechanisms of Ageing and Development**, 105, 61 – 73, 1998.
30. Hofmann P., **Lamprecht M.**, Schwaberger G., Pokan R., von Duvillard S.P.: Einfluß unterschiedlicher Diätformen auf die Laktatleistungskurve im Stufentest und das Laktatverhalten bei Dauerbelastung auf dem Fahrradergometer - eine Einzelfallstudie. **Deutsche Zeitschrift für Sportmedizin**, Jahrgang 49, Nr. 3, 80 - 85, 1998.
31. **Lamprecht M.**, Mlekusch W., Vrecko K., Reibnegger G.: The influence of three different diet modes combined with defined exercise loads on neopterin concentrations in urine and in plasma - a longitudinal study. **Pteridines**, Vol. 8, 211 - 15, 1997.
32. Mlekusch W., Tillian M., **Lamprecht M.**, Trutnovsky H., Horejsi R., Reibnegger G.: The effect of reduced physical activity on longevity of mice. **Mechanisms of Ageing and Development**, 88, 159 - 68, 1996.
33. Mlekusch W., **Lamprecht M.**, Öttl K., Tillian M., Reibnegger G.: A glucose-rich diet shortens longevity of mice. **Mechanisms of Ageing and Development**, 92, 43 - 51, 1996.
34. Khoshsorur GA., Tatzber F., Freigassner M., Tscheiliessnigg KH., Iberer F., **Lamprecht M.**, Uranüs S., Petek W.: Inverse correlation of MDA and anti-Cu⁺⁺ oxidised LDL IgG antibodies in transplantation patients. **Medical Science Research**, 24, 851 - 54, 1996.

II. WISSENSCHAFTLICHE BÜCHER und BUCHBEITRÄGE, LEHRBÜCHER und LEHRBUCHBEITRÄGE, KONGRESS- BÄNDE UND HERAUSGEBERSCHAFTEN

1. Lamprecht M., Williams C, Cisneros-Zevallos L.: „Effects of plant-based nutrition on ageing“, in: Nutrients (Special Issue); MDPI (publisher); Lamprecht M. (guest editor-in-chief); ISSN 2072-6643, 2023
2. Lamprecht M.: „Grundlagen der Redoxbiologie, Antioxidantien und Sport“, in: Lehrbuch der Sporternährung; Lamprecht M. (editor-in-chief) et al.; CLAX Verlag, Graz, ISBN: 978-3-9504395-0-2, 2017.
3. Lamprecht M., Seemann A., Gütter B.R., Hoffman J.: „Sportnahrung und -supplemente“, in: Lehrbuch der Sporternährung; Lamprecht M. (editor-in-chief) et al.; CLAX Verlag, Graz, ISBN: 978-3-9504395-0-2, 2017.
4. Lamprecht M.: „Risikomanagement von Sportnahrungsprodukten und Sportsupplementen“, in: Lehrbuch der Sporternährung; Lamprecht M. (editor-in-chief) et al.; CLAX Verlag, Graz, ISBN: 978-3-9504395-0-2, 2017.
5. Lamprecht M.: „Sport und Ernährung“, in: Kompendium der Sportmedizin; Wonisch, Hofmann, Förster et al. (editors); Springer Verlag, Wien – New York, ISBN: 978-3-211-99715-4, 2017.
6. Lamprecht M., Cvirk G., Matthai C.: „Biologische Grundlagen der Sporternährung“, in: Lehrbuch der Sporternährung; Lamprecht M. (editor-in-chief) et al; CLAX Verlag, Graz, ISBN: 978-3-9504395-0-2, 2017.
7. Lamprecht M.: „Die Sporternahrungs-Uhren für Ausdauer- und Kraftsport“, in: Lehrbuch der Sporternährung; Lamprecht M. (editor-in-chief) et al.; CLAX Verlag, Graz, ISBN: 978-3-9504395-0-2, 2017.
8. Cvirk G., Lamprecht M.: „Chemische Grundlagen der Ernährungslehre“, in: Lehrbuch der Sporternährung; Lamprecht M. (editor-in-chief) et al.; CLAX Verlag, Graz, ISBN: 978-3-9504395-0-2, 2017.
9. Seebauer W., Gunzer W., Lamprecht M.: „Flüssigkeitsversorgung und Thermoregulation im Sport“, in: Lehrbuch der Sporternährung; Lamprecht M. (editor-in-chief) et al.; CLAX Verlag, Graz, ISBN: 978-3-9504395-0-2, 2017.
10. Seebauer W., Holasek S., Bergthaler J., Lamprecht M.: „Ernährung in verschiedenen Sportkategorien und -arten“, in: Lehrbuch der Sporternährung; Lamprecht M. (editor-in-chief) at al.; CLAX Verlag, Graz, ISBN: 978-3-9504395-0-2, 2017.
11. Crepaz C., Lamprecht M.: „Sporternährung für spezifische Personengruppen. Gender-Sporternährung: Vitamin D, Kalzium und Eisen“, in: Lehrbuch der Sporternährung; Lamprecht M. (editor-in-chief) et al.; CLAX Verlag, Graz, ISBN: 978-3-9504395-0-2, 2017.

12. **Lamprecht M.** (editor-in-chief): [Lehrbuch der Sporternährung](#). Clax Publishers, Graz, Austria, March 2017.
13. **Lamprecht M.** (editor-in-chief): [Antioxidants in Sport Nutrition](#). CRC Press/Taylor & Francis, Boca Raton, Florida, USA, 2015.
14. **Lamprecht M.** (editor-in-chief): [Acute Topics in Sport Nutrition](#). Karger Publishers Inc., Basel, Switzerland. [Med Sport Sci](#) Vol. 59, ISBN 978-3-8055-9992-4, e-ISBN 978-3-8055-9993-1, 2012.
15. **Lamprecht M.**, Prock P. (guest editors): Abstracts and Posters of the 8th Annual Conference of the European Nutraceutical Association (ENA), „Nutraceuticals and Brain Health“, November 3rd, 2012, Munich, Germany. [Annals of Nutrtition and Metabolism](#), 61, DOI: 10.1159/000343769, 2012.
16. Nikolaidis M.G., Kerkick C.M., **Lamprecht M.**, McAnulty S.R. (guest editors): Redox biology of exercise. Hindawi Publishing Corporation, New York, USA. [Oxidative Medicine and Cellular Longevity](#), Volume 2012 (special issue); DOI: 10.1155/2012/407978, 2012.
17. **Lamprecht M.**, Prock P. (guest editors): Abstracts and Posters of the scientific conference of the European Nutraceutical Association (ENA), „Scientific Aspects of Weight Management“, March 10th, 2012, Dresden, Germany. [Annals of Nutrition and Metabolism](#), 60, 129, 2012.
18. **Lamprecht M.**: Editorial representative of the European Nutraceutical Association, and editorial board member at [Annals of Nutrition and Metabolism](#), Karger Publishers, Basel Switzerland, 2011.
19. **Lamprecht M.**: Editorial board [Current Topics in Nutraceutical Research](#), New Century Health Publishers, Coppell, Texas, USA, 2016-
20. **Lamprecht M.**, Prock P. (guest editors): Abstracts and Posters of the 7th Annual Conference of the European Nutraceutical Association (ENA), „Nutraceuticals and Women's Health“, March 12th, 2011, Munich, Germany. [Annals of Nutrtition and Metabolism](#), 58, 49–58, 2011.
21. **Lamprecht M.**, Prock P. (guest editors): Abstracts and Posters of the 6th Annual Conference of the European Nutraceutical Association (ENA), „Nutraceuticals and Obesity“, March 13th, 2010, Vienna, Austria. [Clinical Nutrition Supplements](#), Vol. 5, S1, 1 - 16, 2010.
22. **Lamprecht M.**: Oxidativer Stress und Antioxidantien beim sportlichen Training. [Österreichisches Journal für Ernährungsmedizin](#), Jahrgang 12, Nr 3, 6 – 11, ISSN: 1680-9432, 2010.
23. **Lamprecht M.**, Prock P.: Obst- und Gemüsesaftkonzentrate zur Nahrungsergänzung. [Schweizer Zeitschrift für Ernährungsmedizin](#), Jahrgang 6, Nr 5, 47 – 52, ISSN: 1660-4695, 2008.

24. Lamprecht M., Smekal G.: **“Sport und Ernährung”, in: Kompendium der Sportmedizin**; Pokan, Förster, Hofmann et al. (editors); Springer Verlag, Wien – New York, ISBN: 3-211-21253-1, 2004.

III. WISSENSCHAFTLICHE KURZBERICHTE

1. Ziegler T., Tsiontsiou M., Meixner-Goetz L., Cvirn G., **Lamprecht M.**: Polyphenols' impact on selected biomarkers of brain aging in healthy middle-aged and elderly subjects: a review of clinical trials. *Polyphenols Applications Congress*, Malta, 2023.
2. Tsiontsiou M., Cvirn G., Götz L., **Lamprecht M.**: Effects of two plant-based dietary supplements on cardiovascular health and low-grade inflammation in the elderly: study protocol for a randomised controlled trial. [Current Developments in Nutrition](#), 6 (Supplement 2) :60-60, 2021.
3. Azzolina D., Vedovelli L., Gallipoli S.,....**Lamprecht M.**..... Gregori D.: Nutrients and caloric intake associated with fruits, vegetables, and legumes in the elderly European population. [Nutrients](#), 12(9), DOI: 10.3390/nu12092746, 2020.
4. Dams S., Holasek S., Malliga D., Gürbüz A., Jansenberger Y., Schwarzenberger E., **Lamprecht M.**: Plant-based fatty acid food supplement can increase erythrocytes' omega-3-index. [Current Developments in Nutrition](#), June 13;3(Suppl 1); doi: 10.1093/cdn/nzz031.P06-012-19; June 2019.
5. Gregori D., Lorenzoni G., Gallipoli S., **Lamprecht M.**: Role of fruit and vegetable concentrates on the cardiovascular health of subjects with obesity. [34th Annual Meeting of the American Society for Metabolic and Bariatric Surgery](#), presented at [Obesity Week 2019](#), Las Vegas, USA, 2019.
6. Tsiontsiou M., Gregori D., Spirk S., Holasek S., **Lamprecht M.**: Long-term effects of two plant-based dietary supplements on low-grade inflammation, cardiovascular disease prevention and indicators of biological aging. [Current Developments in Nutrition](#), June 13;3(Suppl 1); doi: 10.1093/cdn/nzz031.P06-080-19; June 2019.
7. Gregori D., Baldi I., Lorenzoni G., Tsiontsiou M., **Lamprecht M.**: Comparative effectiveness of supplementation with a juice powder concentrate: the challenge of multiplicity and propensity score matching. [Current Developments in Nutrition](#), June 13;3(Suppl 1); doi: 10.1093/cdn/nzz031.P06-073-19; June 2019.
8. Dams S., **Lamprecht M.**, Holasek S.J., Maier-Allard N., Ponczar B., Jansenberger Y., Malliga D.-E.: Bioavailability of carotenoids and specific vitamins of a commercially available fruit-, berry- and vegetable- juice concentrate. [FASEB Journal](#), 31:1, Suppl 801.2, April 2017.
9. Mena P., Bresciani L., Martini D., Tassotti M., Brighenti F., Holasek S., Malliga D.-E., **Lamprecht M.**, DelRio D.: Absorption profile of (poly)phenolic compounds after consumption of three food supplements containing 36 different fruits, vegetables, and berries. [Abstract book of the “11th World Congress on Polyphenols Applications”](#), Vienna, Austria, 2017.
10. Gregori D., Vecchio M.G., Minto C., Zec S., **Lamprecht M.** The role of fruit and vegetable concentrates in alleviating the growing burden of cardiovascular diseases in USA: Evidence from a Simulation Study [FASEB Journal](#), 31:1, Suppl 1B442, April 2017.

11. Oberwinkler T., **Lamprecht M.**, Bogner S., Greilberger J.F., Schuetz B., Petek T., Bachl N., Schipplinger G.: Zeolite supplementation affects intestinal barrier integrity of endurance trained subjects, accompanied by anti-inflammatory effects. [European Journal of Sport Science](#), 2015.
12. **Lamprecht M.**, Bogner S., Wallner-Liebmann S., Steinbauer K., Schuetz B., Schipplinger G.: Zeolite supplementation has beneficial effects on gut wall integrity in endurance trained subjects. [FASEB Journal](#) 29:733.7, 2015.
13. **Lamprecht M.**: Intestinal barrier dysfunction, probiotic supplementation and sports performance. [Probiotech & Microbiota 2013](#), February 5th-6th 2013, Brussels, Belgium (Abstract-issue).
14. **Lamprecht M.**, Bogner S., Schipplinger G., Steinbauer K., Fankhauser F., Hallstroem S., Schuetz B., Koning C.J.M., Greilberger J.F.: Influence of probiotic supplementation and intense exercise on markers of intestinal barrier function, oxidation and inflammation in trained men. [14th Gut Day Symposium](#), November 9th, 2012, Leuven, Belgium (Abstract-issue).
15. **Lamprecht M.**, Obermayer G., Steinbauer K., Hofmann L., Hallstroem S., Ledinski G, Greilberger J.F.: Influence of an encapsulated fruit, berry and vegetable juice concentrate and walking exercise on oxidative stress, inflammation and skin microcirculation in overweight and obese women. [Oxygen Club of California \(OCC\) World Congress](#), Alba, Italy, 2012. (OCC-Abstract-issue)
16. **Lamprecht M.**, Bogner S., Schipplinger G., Steinbauer K., Fankhauser F., Hallstroem S., Schuetz B., Greilberger J.F.: Probiotic supplementation affects markers of intestinal barrier, oxidation, and inflammation in trained men. [Annals of Nutrition and Metabolism](#), 61, 8, 2012.
17. **Lamprecht M.**, Obermayer G., Greilberger J.F., Steinbauer K., Hofmann L., Hallstroem S., Juergens G., Cvirk G.: Influence of an encapsulated fruit and vegetable concentrate and walking exercise on oxidative stress, inflammation, and blood flow in overweight women. [Annals of Nutrition and Metabolism](#), 60, 6, 2012.
18. Obermayer G., Steinbauer K., Hofmann L., Hallstroem S., Ledinski G., Greilberger J.F., **Lamprecht M.**: Effects of a juice powder concentrate and walking exercise on systemic markers of oxidation, inflammation and skin microcirculation in obese women. [Annals of Nutrition and Metabolism](#), 61, 10-11, 2012.
19. **Lamprecht M.**: Antioxidants & Sport Nutrition. [Proceedings of the international scientific conference on nutraceuticals and functional foods, Food and Function 2011](#), Kosice, Slovakia, (Abstract-ISBN: 978-80-970168-9-0), 2011.
20. **Lamprecht M.**, Greilberger J., Hofmann P., Schwaberger G., Oettl K.: Does supplementation with a fruit-, vegetable-, and berry-concentrate affect post exercise IL-6 concentration? [Clinical Nutrition Supplements](#), Vol. 5, S1, 10, 2010.
21. Kellermayr G., Kellin S., Greilberger J., **Lamprecht M.**: Supplementation with athletic performance formula decreases lactate concentrations in trained athletes after exhausting incremental cycle ergometer test. [Clinical Nutrition Supplements](#), Vol. 5, S1, 9, 2010.

22. **Lamprecht M.**: Sportliche Belastung, Radikalstoffwechsel und Ernährung. [Austrian Journal of Cardiology](#), Vol. 16, No. 9-10, 354, (Journal-ISSN: 1024-0098), 2009.
23. Greilberger J., Schwaberger G., Hofmann P., **Lamprecht M.**: Two weeks of antioxidant supplementation can increase lipid peroxidation in trained men. [Abstract book of the European Nutraceutical Association- \(ENA\) conference: “Nutraceuticals: Bewährtes und Neues”](#), Wiesbaden, Germany, (Abstract-ISBN: 978-3-033-01906-5), 2009.
24. Greilberger J., Oettl K., Schwaberger G., Hofmann P., **Lamprecht M.**: Oxidative protein damage in plasma occurs after bicycle ergometer step test in subjects with deficient fruit and vegetable intake. [Abstract book of the European Nutraceutical Association- \(ENA\) conference: “Nutraceuticals: Bewährtes und Neues”](#), Wiesbaden, Germany, (Abstract-ISBN: 978-3-033-01906-5), 2009.
25. **Lamprecht M.**: Fruit and vegetable concentrates: review and guidelines for clinical practice. [Abstract book of the European Nutraceutical Association- \(ENA\) conference: “Nutraceuticals: Proven and New”](#), Wiesbaden, Germany, (Abstract-ISBN: 978-3-033-01906-5), 2009.
26. Oettl K., Schwaberger G., Hofmann P., Greilberger J.F., **Lamprecht M.**: Redox state of human serum albumin and plasma protein carbonyl groups – influence of exercise and juice powder supplementation. [Free Radical Research](#), October 2008.
27. **Lamprecht M.**, Greilberger J.F., Schwaberger G., Hofmann P., Oettl K.: Single bouts of exercise affect albumin redox state and carbonyl groups on plasma protein of trained men in a workload dependent manner. [Trilateral Symposium of Physiology](#), Graz, Austria, 2008.
28. **Lamprecht M.**: Powdered fruit and vegetable juice concentrate attenuates carbonyl proteins and TNF-alpha in trained men. [European Nutraceutical Association- \(ENA\) conference: “Nutraceuticals in Sports”](#), Stuttgart, Germany, 2008.
29. **Lamprecht M.**, Oettl K., Schwaberger G., Hofmann P., Greilberger J.: Protein modification responds to exercise intensity and antioxidant supplementation. [Abstract book of the 13th European College of Sport Science \(ECSS\) Congress](#), Estoril, Portugal, (Abstract-ISBN: 978-972-735-156-5), 2008.
30. **Lamprecht M.**, Oettl K., Schwaberger G., Hofmann P., Pittner R., Greilberger J.: Powdered fruit and vegetable juice concentrates attenuate carbonyl proteins and TNF-alpha in trained men. [Medicine & Science in Sports & Exercise](#), 39(5), S159, 2007.
31. **Lamprecht M.**, Oettl K., Schwaberger G., Hofmann P., Greilberger J.: Effects of antioxidant supplementation on markers of oxidative stress and immunity in trained men. [Abstract book of the 12th European College of Sport Science \(ECSS\) Congress](#), Jyväskylä, Finland, (Abstract-ISBN: 978-951-790-242-7), 2007.
32. **Lamprecht M.**, Oettl K., Schwaberger G., Hofmann P., Greilberger.: Supplementation mit Obst- und Gemüsekonzentrat vermindert die oxidative Proteinschädigung und die Konzentration des Zytokins TNF- α . [Deutsche Zeitschrift für Sportmedizin](#), Jahrgang 58, Nr. 7/8, 203, 2007.

33. Greilberger J., Koidl C., Greilberger M., **Lamprecht M.**, Schroecksnadel K., Leblhuber F., Fuchs D., Öttl K.: Protein modifications in neurodegenerative disease. **3rd International Symposium of the Human Nutrition & Metabolism Research and Training Center (HNMRTC): “Reactive Oxygen Species & Antioxidants: From Biochemistry to Human Disease”**, Graz, Austria, 2007.
34. Mekonen W., Schwaberger G., **Lamprecht M.**, Hofmann P.: Antioxidant vitamin intake on postprandial lipemia during exercise and recovery. **Isokinetics and Exercise Science**, Vol. 14, No. 2, 187 - 88, 2006.
35. **Lamprecht M.**, Greilberger J., Hofmann P., Schwaberger G., Mlekusch W.: Supplementation with antioxidants attenuates glutathione peroxidase activities at rest, during and after endurance exercise. **Isokinetics and Exercise Science**, Vol. 14, No. 2, 164 - 65, 2006.
36. **Lamprecht M.**, Hofmann P., Schwaberger G.: Supplementation with antioxidants has no influence on oxygen uptake and lactate concentrations in a cycle ergometer step test. **Isokinetics and Exercise Science**, Vol. 14, No. 2, 186 - 87, 2006.
37. **Lamprecht M.**, Öttl K., Schwaberger G., Hofmann P., Greilberger J. Supplementation with mixed fruit and vegetable juice concentrates attenuates oxidative stress markers in trained athletes. **Medicine & Science in Sports & Exercise**, 37(5), S46, 2005.
38. **Lamprecht M.**: Ernährung, Oxidativer Stress und Sport. **Ernährung und Medizin**, 3, 140 - 42, (Journal-ISSN: 1439-1635), 2005.
39. **Lamprecht M.**, Mlekusch W., Hofmann P., Schwaberger G., Koschisorur G.A., Reibnegger G.: Freie Radikale bei unterschiedlichen Belastungsformen und Vitaminsupplementation. **Österreichisches Journal für Sportmedizin**, 32(4), 33-35, (Journal-ISSN: 1012 -3156), 2002.
40. **Lamprecht M.**, Mlekusch W., Reibnegger G., König J., Elmada I., Hofmann P., Schwaberger G., Khoschsorur G.A.: The influence of vitamin supplementation on several blood parameters of antioxidative status during strenuous exercise. **Abstract book of the 2nd European College of Sport Science (ECSS) Congress**, Copenhagen, Denmark, (Abstract-ISBN: 87-90170-10-5), 1997.
41. **Lamprecht M.**, Mlekusch W., Reibnegger G., König J., Elmada I., Hofmann P., Schwaberger G., Khoschsorur G.A.: Antioxidant status during exercise and the effect of vitamin supplementation. **BioFactors**, Special Issue “Oxidative Stress and Atherogenesis”, Vol. 6, No. 2, 252 – 53, 1997.
42. Seibert F.J., Hofmann P., **Lamprecht M.**, Khoschsorur G.A., Rabl H., Pokan R., Hofer H.P.: Influence of parenteral vitamin C on oxidative stress during an incremental cycle ergometer test in young male subjects. **BioFactors**, Special Issue “Oxidative Stress and Atherogenesis”, Vol. 6, No. 2, 275 - 76, 1997.
43. Khoschsorur G.A., Tatzber F., Freigassner M., **Lamprecht M.**, Iberer F., Petek W.: Inverse Correlation of MDA and anti-Cu⁺⁺ oxidized LDL IgG antibodies in transplantation patients. **BioFactors**, Special Issue “Oxidative Stress and Atherogenesis”, Vol. 6, No. 2, 245 – 46, 1997.

44. Mekonen W., Schwaberger G., Gries A., Hinghofer-Szalkay H., **Lamprecht M.**, Hofmann P.: The influence of plasma volume changes on lipoprotein fractions following maximal, intensive and extensive sub-maximal exercise intensities. **IBC - Joint Meeting of Clinical Biochemists: „Medical Laboratory and Sport“**, Abano Terme, Padova, Italy, (Reports of the ÖGKC 1997: 35), 1997.
45. Gries A., Kokelj M., Mekonen W., **Lamprecht M.**, Schwaberger G.: Wechselwirkung zwischen Triglyceriden und Lipoprotein(a) im Plasma – Vergleich zwischen akuter und langzeitiger Fettbelastung. **6. Atherosklerose-Symposium**, Erfurt, Germany, 1997.
46. **Lamprecht M.**, Mlekusch W., Reibnegger G., König J., Elmadafa I., Hofmann P., Schwaberger G., Khoschsorur G.A.: The influence of defined exercise loads in combination with vitamin supplementation on the antioxidative status of blood. **IBC - Joint Meeting of Clinical Biochemists: „Medical Laboratory and Sport“**, Abano Terme, Padova, Italy, 1997.
47. Gries A., Mekonen W., **Lamprecht M.**, Mlekusch W., Kellner J.M., Schwaberger G.: Einfluß von Antioxidantien auf Lipoprotein (a) im Plasma. **5. Atherosklerose-Symposium**, Erfurt, Germany, 1996.
48. Gries A., Mekonen W., **Lamprecht M.**, Mlekusch W., Kellner J.M., Schwaberger G.: Einfluß von Vitaminsupplementierung auf Lipoproteine im Plasma. **Tagung der Österreichischen Physiologischen Gesellschaft**, Vienna, Austria, 1996.