

## LIST OF PUBLICATIONS | DR. OLIVER NEUBAUER

### Original and review articles in international peer-reviewed journals

**Neubauer O** <sup>✉</sup><sup>1</sup>, Sabapathy S, Desbrow B, Ashton K, Lazarus R, Wessner B, Peake JM, Cameron-Smith D, Wagner K-H, Haseler JL, Bulmer AC. Time-course dependent changes in the transcriptome of human skeletal muscle during recovery from endurance exercise: From inflammation to adaptive remodelling. **Journal of Applied Physiology**, published online before print on Dec. 5<sup>th</sup> 2013  
( $IF^2 = 3.8$ , ranking 6/8, top 10%-journal in sport sciences, ranking 15/79 in physiology)

**Neubauer O** <sup>✉</sup>, Sabapathy S, Lazarus R, Jowett JBM, Desbrow B, Peake JM, Cameron-Smith D, Haseler JL, Wagner K-H, Bulmer AC. Transcriptome analysis of neutrophils after endurance exercise reveals novel signalling mechanisms in the immune response to physiological stress (2013). **Journal of Applied Physiology** 114, 1677-1688  
( $IF = 3.8$ , ranking 6/85, top 10%-journal in sport sciences, ranking 15/79 in the field of physiology; cited 2 times<sup>3</sup>)

Wagner K-H, Reichhold S, **Neubauer O** (2011). Impact of endurance and ultraendurance exercise on DNA damage. **Annals of the New York Academy of Sciences** 1229 (1): 115-123  
( $IF = 4.4$ , ranking 6/56 in multidisciplinary sciences; cited 4 times)

Wagner K-H, Reichhold S, Knasmüller S, Nics L, Meisel M, Hoelzl H, **Neubauer O** (2010). Well-trained, healthy triathletes experience no adverse health risks regarding oxidative stress and DNA damage by participating in an ultra-endurance event **Toxicology** 278 (2): 211-216  
( $IF = 4.0$ , ranking 43/261 in pharmacology and pharmacy, cited 7 times)

Hoelzl C, Knasmüller S, Wagner K-H, Eslbling L, Huber W, Kager N, Ferk F, Ehrlich V, Nersesyan A, **Neubauer O**, Desmarchelier A, Marin-Kuan M, Delatour T, Verguet C, Bezencon C, Besson A, Grathwohl D, Simic T, Kundi M, Schilter B, Cavin C (2010). Instant coffee with high chlorogenic acid levels protects humans against oxidative damage of macromolecules. **Molecular Nutrition & Food Research** 54 (12), 1722-1733  
( $IF = 4.3$ , ranking 4/124, top 10%-journal in food science and technology; cited 23 times)

**Neubauer O** <sup>✉</sup>, Reichhold S, Nics L, Hoelzl C, Valentini J, Stadlmayr B, Knasmüller S, Wagner K-H (2010). Antioxidant responses to an acute bout of ultra-endurance exercise: Impact on DNA stability and indications for an increased need of nutritive antioxidants in the early recovery phase. **British Journal of Nutrition** 104 (8), 1129-1138  
( $IF = 3.3$ , ranking 18/76 in nutrition and dietetics; cited 13 times)

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<sup>1</sup> <sup>✉</sup>: Corresponding author

<sup>2</sup> Journal impact factor according the *Journal Citation Reports of ISI Web of Knowledge 2013* (further presented in parenthesis: journal rank and total journals in subject category)

<sup>3</sup> Article citations based on the *Scopus database*, March 2014

Reichhold S, **Neubauer O**, Hoelzl C, Stadlmayr B, Valentini J, Ferk F, Kundi M, Knasmüller S, Wagner K-H (2009). DNA damage in response to an Ironman Triathlon.

**Free Radical Research** 43 (8): 753-760

(IF = 3.3, ranking 112/290 in biochemistry and molecular biology; cited 7 times)

Reichhold S, **Neubauer O**, Bulmer AC, Knasmüller S, Wagner K-H (2009). Endurance exercise and DNA stability: Is there a link to duration and intensity? **Mutation Research – Reviews in Mutation Research** 682 (1): 28-38

(IF = 6.4, ranking 18/161 in genetics and heredity; cited 14 times)

**Neubauer O** ✉, Reichhold S, Nersesyan A, König D, Wagner K-H (2008). Exercise-induced DNA damage: Is there a relationship with inflammatory responses? **Exercise Immunology Review** 14: 51-72

(IF = 7.1, ranking 1/84, top-ranking journal in sport sciences, ranking 14/137 in immunology; cited 26 times)

**Neubauer O**, König D, Kern N, Nics L, Wagner K-H (2008). No Indications of Persistent Oxidative Stress in Response to an Ironman Triathlon. **Medicine & Science in Sports & Exercise** 40 (12): 2119-2128

(IF = 4.5, ranking 4/84, top 10%-journal, sport sciences; cited 20 times)

Reichhold S, **Neubauer O**, Ehrlich V, Knasmüller S, Wagner K-H (2008). No acute and persistent DNA damage after an Ironman Triathlon. **Cancer Epidemiology Biomarkers & Prevention** 17: 1913-1919

(IF = 4.6, ranking 39/197, oncology; cited 15 times)

**Neubauer O**, König D, Wagner K-H (2008). Recovery after an Ironman Triathlon: Sustained Inflammatory Responses and Muscular Stress. **European Journal of Applied Physiology** 104 (3): 417-426

(IF = 2.7, ranking 12/84 in sport sciences, ranking 12/80 in physiology; cited 57 times)

König D, **Neubauer O**, Nics L, Kern N, Berg A, Bisse E, Wagner K-H (2007). Biomarkers of exercise-induced myocardial stress in relation to inflammatory and oxidative stress.

**Exercise Immunology Review** 13: 15-36

(IF = 7.1, ranking 1/84, top-ranking journal in sport sciences, ranking 14/137 in immunology; cited 17 times)

## Presentations on scientific meetings (with abstracts)

**Neubauer O**. Regeneration der Skelettmuskulatur nach körperlicher Belastung bei jüngeren und älteren Menschen (Recovery of skeletal muscle after exercise in young and elderly humans). Invited presentation at the **2. Wiener Muskeltag (2<sup>nd</sup> Vienna Muscle Day)**, Nov. 8<sup>th</sup> 2013, Vienna, Austria, abstract: Book of Abstracts

**Neubauer O**, Sabapathy S, Peake J, Ashton KJ, Wessner B, Desbrow B., Lazarus R, Cameron-Smith D, Wagner K-H, Haseler L, Bulmer A. Time-course of transcriptomic responses in skeletal muscle during recovery from endurance exercise indicates prolonged muscular inflammation. Oral presentation at the **11<sup>th</sup> Symposium of the International Society of Exercise and Immunology (ISEI)**, Sep. 9<sup>th</sup> – 12<sup>th</sup> 2013, Newcastle, Australia, abstract: Book of Abstracts

- Neubauer O**, Sabapathy S, Lazarus R, Desbrow B., Ashton KJ, Wessner B, Peake J, Cameron-Smith D, Wagner K-H, Haseler L, Bulmer A. Time-course of transcriptomic changes in skeletal muscle during recovery from endurance exercise. **2013 Congress of the European College of Sport Science (ECSS)**, June 26<sup>th</sup> – 29<sup>th</sup> 2013, Barcelona, Spain; oral presentation, abstract: Book of Abstracts
- Neubauer O**. Transcriptomic responses of circulating neutrophils and skeletal muscle during recovery from endurance exercise. **1<sup>st</sup> Scientific Meeting of the Research Platform Active Ageing – Cells meet Function, an integrative approach in Research on Ageing**, Apr. 9<sup>th</sup> 2013, University of Vienna, Austria; invited presentation, abstract: Book of Abstracts
- Neubauer O**, Sabapathy S, Lazarus R, Ashton KJ, Desbrow B, Cameron-Smith D, Haseler L, Wagner K-H, Bulmer AC (2012). Acute endurance exercise induces up-regulation of skeletal muscle genes involved in metabolism, mitochondrial biogenesis and insulin sensitivity. **Conference on Life Style, Oxidative Stress & Diabetes Mellitus**, Modra, Slovakia; Nov. 8<sup>th</sup> – 9<sup>th</sup> 2012, oral presentation, abstract: Book of Abstracts
- Neubauer O**, Sabapathy S, Lazarus R, Jowett J, Desbrow B, Cameron-Smith D, Haseler L, Wagner K-H, Bulmer A (2012). Counter-regulation of interleukin-1 receptor and Toll-like receptor signalling in neutrophils during recovery from muscle-damaging endurance exercise, **2012 Congress of the ECSS**, July 4<sup>th</sup> – 7<sup>th</sup> 2012, Bruges, Belgium; oral presentation, abstract: Book of Abstracts
- Isautier J, Bulmer A, Sabapathy S, Desbrow B, **Neubauer O** (2012). The influence of habitual antioxidant intake on the antioxidant response to a single bout of prolonged, intense exercise. **5<sup>th</sup> Exercise & Sports Science Australia Conference**, April 19<sup>th</sup> – 21<sup>st</sup> 2012, Gold Coast, Australia; oral presentation
- Isautier J, Bulmer A, Sabapathy S, Desbrow B, **Neubauer O** (2011). Habitual antioxidant consumption and the antioxidant responses to acute endurance exercise, **Gold Coast Health and Medical Research Conference**, Dec. 1<sup>st</sup> – 2<sup>nd</sup> 2012, Gold Coast, Australia; oral presentation, abstract: Book of Abstracts
- Neubauer O**, Sabapathy S, Isautier J, Desbrow B, Steward G, Bisht K, Ashton K, Wagner K-H, Haseler L, Bulmer A (2011). Skeletal muscle and blood neutrophil gene responses to endurance exercise. **Gold Coast Health and Medical Research Conference**, Dec. 1<sup>st</sup> – 2<sup>nd</sup> 2012, Gold Coast, Australia; poster presentation, abstract: Book of Abstracts
- Neubauer O**, Wagner KH. (2010). Antioxidants requirements and physical exercise. Invited presentation at the **Annual Meeting of the Austrian Society for Nutrition Research**, Nov. 29<sup>th</sup> 2010, Ministry of Health, Vienna, Austria; abstract: *Nutrition*, Dec. 2010.
- Neubauer O**, Reichhold S, König D, Knasmüller S, Wagner K-H. Inflammatory, Oxidative Stress and Antioxidant Responses after Ultra-Endurance Exercise and their Relevance for DNA Stability (2009). **9<sup>th</sup> Symposium of the ISEI**, Sep. 21<sup>st</sup>-23<sup>rd</sup> 2009, Tübingen, Germany, oral presentation, abstract: Book of Abstracts

- Neubauer O**, Reichhold S, König D, Knasmüller S, Wagner K-H (2009). Implications of Oxidative Stress, Antioxidant and Inflammatory Responses on DNA Stability after Ultra-Endurance Exercise, ***Society for Free Radical Research (SFRR)-Europe Meeting***, Aug. 26<sup>th</sup> – 29<sup>th</sup> 2009, Rome, Italy; poster presentation, abstract: *Free Radic Res.* 43, S1: S92
- Neubauer O**, Reichhold S, König D, Knasmüller S, Wagner K-H (2009). Ultra-endurance exercise and DNA Stability: Role of Inflammatory and Antioxidant Responses, ***2009 Congress of the ECSS***, June 24<sup>th</sup> – 27<sup>th</sup> 2009, Oslo, Norway; oral presentation, abstract: Book of Abstracts
- Neubauer O**, Reichhold S, König D, Knasmüller S, Wagner K-H (2009). Consequences of Inflammatory and Antioxidant Responses on DNA Damage after Ultra-endurance Exercise, ***24<sup>th</sup> Meeting of the GUM (German section of the European Environmental Mutagen Society)***, Feb. 17<sup>th</sup> – 20<sup>th</sup> 2009, University of Vienna, oral presentation, abstract: abstract booklet
- Neubauer O**, Reichhold S, Knasmüller S, König D, Wagner K-H (2009). Exercise and DNA Damage: Significance of Inflammatory and Antioxidant Responses, ***2<sup>nd</sup> Copenhagen Workshop on DNA Oxidation***, Jan. 29<sup>th</sup> – 30<sup>th</sup> 2009, University of Copenhagen, Denmark; poster presentation
- Wagner K-H, Kern N, Nics L, Reichhold S, **Neubauer O** (2008). Oxidative Stress and Antioxidant Responses after an Ironman triathlon, ***SFRR-Europe Meeting***, July 5<sup>th</sup> – 9<sup>th</sup> 2008, Berlin, Germany; abstract: *Free Radical Res.* 42(1) 2008: 38 S5-2
- Reichhold S, **Neubauer O**, Wagner K-H (2008). Effects of an Ironman Triathlon on the DNA as detected by the SCGE and CBMN Cyt assay, ***2008 Congress of the ECSS***, July 9<sup>th</sup> – 12<sup>th</sup> 2008, Estoril, Portugal; poster presentation, abstract: Book of Abstracts
- Neubauer O**, König D, Wagner K-H (2008). Recovery Responses in Ironman Triathletes, ***2008 Congress of the ECSS***, July 9<sup>th</sup> – 12<sup>th</sup> 2008, Estoril, Portugal; oral presentation, abstract: Book of Abstracts
- Reichhold S, **Neubauer O**, Wagner K-H (2008). Effects of an Ironman Triathlon on DNA Stability. ***1<sup>st</sup> symposium of the Vienna Research Platform of Nutritional and Food Sciences***, Apr. 25<sup>th</sup> 2008, University of Vienna, Austria; poster presentation, abstract: *Annals of Nutrition and Metabolism* 52 (2008):131
- Neubauer O**, König D, Reichhold S, Wagner K-H (2008). Recovery Responses in Ironman Triathletes. ***1<sup>st</sup> symposium of the Vienna Research Platform of Nutritional and Food Sciences***, Apr. 25<sup>th</sup> 2008, University of Vienna, Austria; poster presentation
- Neubauer O**, Kern N, Nics L, Reichhold S, Wagner K-H (2008). Enhanced Antioxidant Capacity after an Ironman Triathlon. ***1<sup>st</sup> symposium of the Vienna Research Platform of Nutritional and Food Sciences***, Apr. 25<sup>th</sup> 2008, University of Vienna, Austria; poster presentation, abstract: *Annals of Nutrition and Metabolism* 52 (2008):130

Reichhold S, **Neubauer O**, Ehrlich V, Hölzl C, Knasmüller S, Wagner K-H (2008). DNA responses after an Ironman triathlon. **International conference Oxidative stress in Diseases**, Apr. 23<sup>rd</sup> 2008, Bratislava, Slovakia; oral presentation, abstract: Book of Abstract

**Neubauer O**, Kern N, Nics L, Reichhold S, Wagner K-H (2008). Oxidative stress and antioxidant responses after an Ironman triathlon. **International conference Oxidative stress in diseases**, Apr. 24<sup>th</sup> 2008, Bratislava, Slovakia; oral presentation, abstract: Book of Abstracts

Reichhold S, Meisel M, **Neubauer O**, Wagner K-H (2007). Influence of an Ironman triathlon on Sister Chromatid Exchanges and High Frequency Cells. **13<sup>th</sup> Scientific Symposium of the Austrian Pharmacological Society**, Nov. 22<sup>nd</sup> – 24<sup>th</sup> 2007, Vienna, Austria

Reichhold S, Meisel M, **Neubauer O**, Wagner K-H (2007). Influence of an Ironman Triathlon on Sister Chromatid Exchanges and High Frequency Cells, **3rd International Symposium of the Human Nutrition & Metabolism Research & Training Center**, Oct. 15<sup>th</sup> – 18<sup>th</sup> 2007, Graz, Austria; poster presentation, abstract: Congress proceedings

Reichhold S, **Neubauer O**, Wagner K-H (2007). Does an Ironman Triathlon induce DNA damage? **2007 Congress of the ECSS**, July 11<sup>th</sup> – 14<sup>th</sup> 2007, Jyväskylä, Finland; poster presentation, abstract: Book of Abstracts

**Neubauer O**, Kern N, Nics L, Wagner K-H (2007). How Ironman Triathletes Balance Oxidative Stress. **2007 Congress of the ECSS**, July 11<sup>th</sup> – 14<sup>th</sup> 2007, Jyväskylä, Finland; oral presentation, abstract: Book of Abstracts

## Book chapters

**Neubauer O**, Yfanti C. Antioxidants in Athlete´s Basic Nutrition – Considerations towards a Guideline for the Intake of Vitamin C and Vitamin E. Book chapter for a book project on **Antioxidants in Sports Nutrition**, edited by M Lamprecht, under contract with CRC Press - Taylor and Francis, LLC. *In press*

## Articles in popular-scientific journals

**Neubauer O** (2013). Sind Freie Radikal. **Triathlon Training**<sup>4</sup>, in print (*about novel findings on antioxidants during exercise training*)

**Neubauer O**, Reichhold S, Wagner K-H (2008). Biochemische, physiologische und molekularbiologische Stressreaktionen nach einem Ironman-Triathlon. **Ernährung aktuell** 3:1-4 (*brief summary on the main findings of the Austrian Science Fund-funded research project*)

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<sup>4</sup> *Triathlon* and *Triathlon Training* (published by spomedis GmbH, Hamburg, Germany) are Europe´s largest triathlon magazines

- Neubauer O** (2008). Wettlauf der Kohlenhydrate. *Triathlon Training* 6:86-89 (about the specific effects of different carbohydrate types in race nutrition)
- Neubauer O** (2007). Eiserner Widerstand. *Triathlon Training* 4:59-61 (first general study results regarding certain stress responses after an Ironman race and regulatory mechanisms)
- Neubauer O** (2006). Eisenmänner als 'Modelle' für Stressresistenz. *Triathlon Sonderausgabe Ironman Austria*:38 (a general introduction of the Austrian Science Fund-funded "Ironman study")
- Neubauer O** (2006). Kohlenhydrate—Die Energiespezialisten. *Triathlon* 44:98-99 (an update on the guidelines for the carbohydrate intake for endurance athletes)
- Neubauer O** (2006). Fette—Treibstoff für die Langzeitausdauer. *Triathlon* 45:98-99 (on the importance of the adequate quantity and quality of lipids for endurance athletes)
- Neubauer O** (2006). Zur Hölle mit den Freien Radikalen. *Triathlon* 43:82-83 (on reactive oxygen species, oxidative stress and antioxidants in the context with exercise)
- Neubauer O** (2005). Regenerationsspezialisten—Aminosäuren sind mehr als Eiweißbausteine. *Triathlon* 39:56-58 (about the relevance of certain amino acids for recovery)
- Neubauer O** (2005). Der Wachmacher—Reizstoff Koffein. *Triathlon* 38:54-56 (on the physiological, metabolic and performance-enhancing effects of caffeine)
- Neubauer O** (2005). Erfolg geht durch den Magen. *Triathlon* 37:54-58 (about nutritional aspects before, during and after triathlon races)

### **Selected lectures at universities and presentations to the public**

- Neubauer O** (2014). Veränderungen des Transkriptoms von neutrophilen Leukozyten und der Skelettmuskulatur während der Regeneration nach einer Ausdauerbelastung. Invited presentation at the University Hospital Ulm – Division of Sports- and Rehabilitation Medicine, Germany, March 20<sup>th</sup> 2014
- Neubauer O**, Sabapathy S, Lazarus R, Jowett J, Desbrow B, Cameron-Smith D, Haseler L, Wagner K-H, Bulmer AC (2012): Global gene responses of neutrophils following muscle-damaging endurance exercise. 3<sup>rd</sup> annual retreat of the *Emerging Field Research Group / Active Aging Research Platform*, Aug 29<sup>th</sup> 2012, Department of Nutritional Sciences, University of Vienna, Austria
- Neubauer O**, Sabapathy S, Lazarus R, Ashton K, Desbrow B, Jowett J, Cameron-Smith D, Haseler L, Wagner K-H, Bulmer A (2012). Skeletal muscle and blood neutrophil gene responses to endurance exercise. *Griffith Health Institute Seminar Series*, May 8<sup>th</sup> 2012, Griffith University, Gold Coast Campus, Australia; oral presentation
- Neubauer O** (2010). Relevance of training status and antioxidants on stress responses to an Ironman triathlon. Guest lecture for the students' course *Advances in Nutrition Research*, Nov. 11<sup>th</sup> 2010, Department of Nutritional Sciences, University of Vienna, Austria

- Neubauer O** (2010). Inflammatory and Oxidative Stress Responses to Ironman Triathlon Races and the Relevance of Antioxidants. Invited presentation at the *Centre of Excellence for Applied Sport Science Research, Queensland Academy of Sport, Brisbane, Australia*; Sep. 6<sup>th</sup> 2010; abstract: *QAS Research News*, Spring 2010
- Neubauer O** (2010). Ernährung im Triathlon. Lecture for the *training course for National Certified Triathlon Instructors* (Sports Academy Innsbruck) on the topic nutrition in triathlon, April 29<sup>th</sup> 2010, Institute for Sport Sciences, University of Vienna
- Wagner K-H, **Neubauer O** (2008). Einblicke in die Stressbewältigungsmechanismen von Ultra-Ausdauerathleten. Public relation event of the *Austrian Science Fund AM PULS*, June 8<sup>th</sup> 2008, Haus der Forschung, Vienna
- Neubauer O**, Reichhold S, Wagner K-H (2007). Wie übersteht der Körper der Körper einen Ironman-Triathlon? Einblicke in die Stressbewältigungsmechanismen von Ausdauersportlern. Lecture on “how Ironman triathletes balance the exercise-induced stress responses”; *University Meets Public*, Nov. 11<sup>th</sup> 2007, Volkshochschule Landstraße, Vienna, Austria
- Neubauer O**, Reichhold S, Wagner K-H (2007): Wie übersteht der Körper der Körper einen Ironman-Triathlon? Einblicke in die Stressbewältigungsmechanismen von Ultra-Ausdauersportlern. Information event for the participants of the Austrian Science Fund-funded ‘Ironman study’, Department of Nutritional Sciences, University of Vienna, Oct. 25<sup>th</sup> 2007, and Universitätslandessportzentrum Salzburg, Nov. 15<sup>th</sup> 2007
- Neubauer O** (2006). Basisernährung, Wettkampfernährung und Supplemente im Triathlon. Lectures on nutrition, race nutrition and supplementation in triathlon; *Triathlon-Workshop*, Nov. 12<sup>th</sup> – 13<sup>th</sup> 2006, Gesundheitszentrum Bad Sauerbrunn, Austria

## Press releases and selected articles in the media

*About the findings of a study, which **O Neubauer** has undertaken during an Austrian Science Fund (FWF)-funded Erwin Schrödinger-Fellowship at Griffith University, Australia, aimed to investigate the time-dependent changes in the transcriptome of circulating neutrophils and skeletal muscle of trained individuals during recovery from endurance exercise:*

Wer tritt, stärkt sein Immunsystem – press article (including an interview with **O Neubauer**) in the print- and online-versions of *Die Presse*, Feb. 23<sup>th</sup> 2014

[http://diepresse.com/home/science/1566172/Wer-tritt-staerkt-sein-Immunsystem?\\_vl\\_backlink=/home/science/index.do](http://diepresse.com/home/science/1566172/Wer-tritt-staerkt-sein-Immunsystem?_vl_backlink=/home/science/index.do)

Wie bei Ausdauertraining Muskeln und Immunzellen miteinander kommunizieren – radio report (including an interview with **O Neubauer**) on *ORF-Radio Ö1* within the frame of the science program *Dimensionen - die Welt der Wissenschaft*, Jan. 3<sup>rd</sup> 2014

<http://oe1.orf.at/programm/359665>

Immunzellen reparieren Muskeln nach Überbelastung – press article in *Der Standard*, Dec. 11<sup>th</sup> 2013

<http://derstandard.at/1385170606088/Immunzellen-reparieren-Muskeln-nach-Ueberbelastung>

Wie Radfahren und Laufen Immunzellen und Muskeln kommunizieren lassen – article by *Informationsdienst Wissenschaft (idw)*, Dec. 11<sup>th</sup> 2013

<http://www.idw-online.de/en/news565885>

Immunzellen reparieren Muskeln nach Überbelastung – press article in *Wiener Zeitung*, Dec. 10th 2013

[http://www.wienerzeitung.at/themen\\_channel/wissen/mensch/593305\\_Immunzellen-reparieren-Muskeln-nach-Ueberbelastung.html](http://www.wienerzeitung.at/themen_channel/wissen/mensch/593305_Immunzellen-reparieren-Muskeln-nach-Ueberbelastung.html)

Immunzellen reparieren überbelastete Muskeln – online article at *science.ORF.at*, Dec. 10<sup>th</sup> 2013

<http://science.orf.at/stories/1729794/>

Wie Radfahren und Laufen Immunzellen und Muskeln kommunizieren lassen – press release by the Pressebüro (press office) of the University of Vienna, Dec. 10<sup>th</sup> 2013

<http://medienportal.univie.ac.at/presse/aktuelle-pressemeldungen/detailansicht/artikel/wie-radfahren-und-laufen-immunzellen-und-muskeln-kommunizieren-lassen>

*About the physiological challenges to swim in ice-cold water and within the scope of the coaching of the Austrian long-distance swimmer Josef Köberl by **O Neubauer** and his master student Katrin Moesenbacher in cooperation with the Austrian Armed Forces:*

Steirer-bewaeltigte-Ice-Mile-im-Grundlsee – TV report on *ORF Heute* about the Austrian long-distance swimmer Josef Köberl swimming one mile in ice-cold including an interview with **O Neubauer**, Mar. 4<sup>th</sup> 2014.

<http://tvthek.orf.at/program/heute-oesterreich/4660163/heute-oesterreich/7575044/Steirer-bewaeltigte-Ice-Mile-im-Grundlsee/7575166>

*About the about a FWF-funded stand-alone research project undertaken by **O Neubauer** and K-H Wagner (project leader), aimed to assess acute stress and recovery responses as well as potential health risks in participants of an Ironman triathlon:*

Harte Kerle bei guter Gesundheit – Österreichische Studie: Ironman-Triathlon ist nicht gesundheitsgefährdend – *SpringerMedizin.at*, Dec. 7<sup>th</sup> 2010

<http://www.springermedizin.at/artikel/19900-harte-kerle-bei-guter-gesundheit>

Bei Ironman-Wettbewerben zählt der Trainingsstatus – *Kleine Zeitung*, Nov. 30<sup>th</sup> 2010

<http://www.kleinezeitung.at/freizeit/aktivwellness/2577696/bei-ironman-wettbewerben-zaehlt-trainingsstatus.story>

Ironman-Triathlon ist nicht gesundheitsgefährdend – *Research Newsletter of the University of Vienna*, Nov. 30<sup>th</sup> 2010,

<http://www.dieuniversitaet-online.at/beitraege/news/ironman-triathlon-ist-nicht-gesundheitsgefaehrdend/543.html>

Ironman-Triathlon ist nicht gesundheitsgefährdend – *Informationsdienst Wissenschaft (idw)*, Nov. 30th 2010

<http://idw-online.de/de/news399486>

Triathlon gefährdet nicht die Gesundheit – *Der Standard*, Nov., 30<sup>th</sup> 2010

<http://derstandard.at/1289609088449/Ironman-Triathlon-gefaehrdet-nicht-die-Gesundheit>

Extremer Leistungssport – Fitnesstest für DNA, press release by the FWF, Aug. 20<sup>th</sup> 2008

[http://www.fwf.ac.at/de/public\\_relations/press/pv200808-2de.html](http://www.fwf.ac.at/de/public_relations/press/pv200808-2de.html)

Startpunkt Ziellinie, article in the *Annual Report (Jahresbericht) 2006 of the FWF*

[http://www.fwf.ac.at/de/public\\_relations/publikationen/jahresberichte/fwf-jahresbericht-2006.pdf](http://www.fwf.ac.at/de/public_relations/publikationen/jahresberichte/fwf-jahresbericht-2006.pdf)