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1 * Corresponding author
2 2016 Journal 5-Year Impact Factor, journal rank (among total number of journals) and quartile in the respective subject category; source: InCites Journal Citation Reports, Thomson Reuters
3 Article citations; source: Scopus Database, November 16th 2017


Manuscripts submitted to peer-reviewed, scientific journals

**Book chapter**


**Presentations on scientific meetings (based on invitations or peer-reviewed abstracts)**


Broadbent J, Sampson D, Sabapathy S, Haseler JL, Bulmer AC, Peake JM, **Neubauer O** (presenting author). Exercise physiology meets weighted gene co-expression network analysis: Crosstalk of blood neutrophils with skeletal muscle following endurance exercise. *Big Biology and Bioinformatics Symposium 2015*, Nov. 23rd – 24th 2015, Queensland University of Technology, Gardens Point Campus, Brisbane, Australia. *Oral presentation*.

**Neubauer O**. The role of leukocytes in muscle and immune cross-talk. *12th Symposium of the ISEI*, July 6th – 9th 2015, Vienna, Austria. *Invited presentation* as a Keynote Speaker in the session about regeneration and adaptation in skeletal muscle.


Dr. Oliver Neubauer_List of publications

**Neubauer O.** Reichhold S, König D, Knasmüller S, Wagner K-H. Consequences of Inflammatory and Antioxidant Responses on DNA Damage after Ultra-endurance Exercise, 24th Meeting of the GUM (German section of the European Environmental Mutagen Society), Feb. 17th – 20th 2009, University of Vienna. **Oral presentation.**

**Neubauer O.** Reichhold S, Knasmüller S, König D, Wagner K-H. Exercise and DNA Damage: Significance of Inflammatory and Antioxidant Responses, 2nd Copenhagen Workshop on DNA Oxidation, Jan. 29th – 30th 2009, University of Copenhagen, Denmark. **Poster presentation.**


**Articles in popular-scientific journals**


**Neubauer O** (2008). Wettlauf der Kohlenhydrate. Triathlon Training 6:86-89 (about the specific effects of different carbohydrate types in race nutrition)


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4 Triathlon and Triathlon Training (published by spomedis GmbH, Hamburg, Germany) are Europes’ largest triathlon magazines


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. From Molecules to Human Organisms – from Ironman Triathletes to Healthy Ageing. Movement Neuroscience Seminar Series, Apr. 27th 2017, Queensland University of Technology, Kelvin Grove Campus, Brisbane, Australia.

Neubauer O. Crosstalk of blood neutrophils with skeletal muscle following endurance exercise: a transcriptome perspective. Heart Foundation Research Centre – Seminar Series (Griffith University), Nov. 17th 2015, Griffith University, Gold Coast Campus, Australia.

Neubauer O. Crosstalk of blood neutrophils with skeletal muscle following endurance exercise: a transcriptome perspective. School of Biomedical Sciences – Seminar Series (Queensland University of Technology), Oct. 2nd 2015, Queensland University of Technology, Gardens Point Campus, Brisbane, Australia.

Neubauer O. Transcriptomic responses of circulating neutrophils and skeletal muscle during recovery from endurance exercise. Scientific symposium to evaluate the University Vienna – Research Platform Active Ageing. April 28th 2014, Department of Nutritional Sciences, University of Vienna, Austria.


Neubauer O. Transcriptomic responses of circulating neutrophils and skeletal muscle during recovery from endurance exercise. 1st Scientific Meeting of the Research Platform Active Ageing – Cells meet Function, an integrative approach in research on ageing, Apr. 9th 2013, University of Vienna, Austria. Invited presentation.


Neubauer O. Relevance of training status and antioxidants on stress responses to an Ironman triathlon. Guest lecture for the students’ course Advances in Nutrition Research, Nov. 11th 2010, Department of Nutritional Sciences, University of Vienna, Austria.

Neubauer O. 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. 6th 2010; abstract: QAS Research News, Spring 2010.

Neubauer O. Ernährung im Triathlon. Lecture for the training course for National Certified Triathlon Instructors (Sports Academy Innsbruck) on the topic nutrition in triathlon, April 29th 2010, Institute for Sport Sciences, University of Vienna.


Neubauer O. Basisernährung, Wettkampf ernährung und Supplemente im Triathlon. Lectures on nutrition, race nutrition and supplementation in triathlon; Triathlon-Workshop, Nov. 12th – 13th 2006, Gesundheitszentrum Bad Sauerbrunn, Austria.

Press releases, articles in the media and other public relations

About my ongoing research at Queensland University of Technology (QUT) on the potential of beetroot juice to promote vascular health with ageing, and the impact of ageing on the exercise-induced release of cancer-inhibitory endocrine factors:

(http://www.abc.net.au/radio/brisbane/programs/sundaymorning/sunday-morning/9121018)


Interview for a high-profile podcast series on topics relevant to ultra-endurance training and racing titled ‘Science of Ultra’ by Prof. Shawn Bearden, Idaho State University, USA.

(http://www.scienceofultra.com/podcasts/48)

About the Journal of Applied Physiology-Highlighted Topic review entitled ‘Recovery of the immune system’ (by Peake et al. 2017, see above), to which I contributed a key section on nutritional interventions for restoring immune function after exercise:


About my personal and my research motivations:

About the findings of my early postdoctoral research during an Austrian Science Fund (FWF)-funded Erwin Schrödinger-Fellowship at Griffith University, Australia:


Wie bei Ausdauertraining Muskeln und Immunzellen miteinander kommunizieren – radio report (including an interview by journalist Mag. Sabrina Adlbrecht) on ORF-Radio Ö1 within the frame of the science program Dimensionen - die Welt der Wissenschaft, Jan. 3rd 2014. (http://oe1.orf.at/programm/359665)


Wie Radfahren und Laufen Immunzellen und Muskeln kommunizieren lassen – article by Informationsdienst Wissenschaft (idw), Dec. 11th 2013. (https://idw-online.de/en/news565885)


Immunzellen reparieren überbelastete Muskeln – online article science.ORF.at, Dec. 10th 2013. (http://science.orf.at/stories/1729794/)

About the physiological challenges to swim in ice-cold water, within the scope of the nutritional coaching of the Austrian long-distance swimmer Josef Köberl by myself and my Master student Katrin Bajrami in cooperation with the Austrian Armed Forces:

**About antioxidants in sports nutrition:**

Nahrungsergänzungsmittel im Sport – sinnvoll? – Webblog by Sylvia Neubauer (*Kilocoach*) including an interview about the points and counterpoints of nutritional, and in particular, antioxidant supplements during exercise training, Apr. 22th 2014.  


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**About my doctoral studies as part of an FWF-funded Stand-Alone research project:**


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

([http://idw-online.de/de/news399486](http://idw-online.de/de/news399486))

([http://derstandard.at/1289609088449/Ironman-Triathlon-gefaehrdet-nicht-die-Gesundheit](http://derstandard.at/1289609088449/Ironman-Triathlon-gefaehrdet-nicht-die-Gesundheit))


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