SHORT CURRICULUM VITAE –

Professor Dr Henning Wackerhage

PRESENT APPOINTMENT:	Associate Professor of Exercise Biology (2016-)
DEPARTMENT & INSTITUTION:	School of Medicine and Health, Technical University of Munich
QUALIFICATIONS:	Dipl. Sportlehrer 1992, German Sports University Cologne PhD German Sports University Cologne 1996.

PREVIOUS APPOINTMENTS*:*

Senior Lecturer & Reader, University of Aberdeen (2006-2016)
Senior Lecturer, University of Dundee (2003-2006)
Lecturer & Senior Lecturer, University of Central Lancashire (1997-2002)

ESTEEM INDICATORS:

Speaker of the DFG-funded DFG research unit FOR 5795 HyperMet Effects of skeletal muscle hypertrophy and atrophy on metabolic health (2 x 4 years, 9 projects, 4.5 million EUR for the first funding period; 2025-2029)

Speaker of the Exercise and Muscle Metabolism Interest Group of the German Society of Metabolome Research (DGMet)

EXAMPLES OF RECENT EXTERNAL GRANTS:

FOR 5795 (see above)
TRR333 BatEnergy (450 k EUR)

RESEARCH TRAINING SUPERVISION:

4 Postdocs (Mhairi Towler, Roby Urcia, Brendan Gabriel, Moritz Eggelbusch) and 11 PhD students plus 9 PhD & MD students currently enrolled

PEER REVIEWED PUBLICATIONS:

Total number of full-length, peer-reviewed publications: ~96.
Citation statistics: Google Scholar total cites: ~9523, h-index, 44; i10, 87.

Selected recent and relevant peer-reviewed publications:

Papers on research by the Cologne Sports Medicine Group

Wackerhage, H., A. Kabasakalis, S. Seiler and H. Heck (2025). "Is the vLamax for Glycolysis What the V˙O2 max is for Oxidative Phosphorylation?" Sports Med **55**(8): 1853-1866.

Heck, H. and H. Wackerhage (2024). "The origin of the maximal lactate steady state (MLSS)." BMC Sports Sci Med Rehabil **16**(1): 36.

Wackerhage, H., S. Gehlert, H. Schulz, S. Weber, S. Ring-Dimitriou and O. Heine (2022). "Lactate Thresholds and the Simulation of Human Energy Metabolism: Contributions by the Cologne Sports Medicine Group in the 1970s and 1980s." Frontiers in Physiology **13**.

Metabolic research papers

Gehlert, S., P. Weinisch, W. Römisch-Margl, R. T. Jaspers, A. Artati, J. Adamski, K. A. Dyar, T. Aussieker, D. Jacko, W. Bloch, H. Wackerhage and G. Kastenmüller (2022). "Effects of Acute and Chronic Resistance Exercise on the Skeletal Muscle Metabolome." Metabolites **12**(5).

Stadhouders, L. E. M., J. A. B. Smith, B. M. Gabriel, S. A. J. Verbrugge, T. D. Hammersen, D. Kolijn, I. S. P. Vogel, A. D. Mohamed, G. M. J. de Wit, C. Offringa, W. M. H. Hoogaars, S. Gehlert, H. Wackerhage and R. T. Jaspers (2023). "Myotube growth is associated with cancer-like metabolic reprogramming and is limited by phosphoglycerate dehydrogenase." Exp Cell Res **433**(2): 113820.

Schranner, D., G. Kastenmuller, M. Schonfelder, W. Romisch-Margl and H. Wackerhage (2020). "Metabolite Concentration Changes in Humans After a Bout of Exercise: a Systematic Review of Exercise Metabolomics Studies." Sports Medicine - open **6**(1): 11.

Schranner, D., M. Schönfelder, W. Römisch-Margl, J. Scherr, J. Schlegel, O. Zelger, A. Riermeier, S. Kaps, C. Prehn, J. Adamski, Q. Söhnlein, F. Stöcker, F. Kreuzpointner, M. Halle, G. Kastenmüller and H. Wackerhage (2021). "Physiological extremes of the human blood metabolome: A metabolomics analysis of highly glycolytic, oxidative, and anabolic athletes." Physiological Reports **9**(12): e14885.

Singh, P., K. Gollapalli, S. Mangiola, D. Schranner, M. A. Yusuf, M. Chamoli, S. L. Shi, B. Lopes Bastos, T. Nair, A. Riermeier, E. M. Vayndorf, J. Z. Wu, A. Nilakhe, C. Q. Nguyen, M. Muir, M. G. Kiflezghi, A. Foulger, A. Junker, J. Devine, K. Sharan, S. J. Chinta, S. Rajput, A. Rane, P. Baumert, M. Schönfelder, F. Iavarone, G. di Lorenzo, S. Kumari, A. Gupta, R. Sarkar, C. Khyriem, A. S. Chawla, A. Sharma, N. Sarper, N. Chattopadhyay, B. K. Biswal, C. Settembre, P. Nagarajan, K. L. Targoff, M. Picard, S. Gupta, V. Velagapudi, A. T. Papenfuss, A. Kaya, M. G. Ferreira, B. K. Kennedy, J. K. Andersen, G. J. Lithgow, A. M. Ali, A. Mukhopadhyay, A. Palotie, G. Kastenmüller, M. Kaeberlein, H. Wackerhage, B. Pal and V. K. Yadav (2023). "Taurine deficiency as a driver of aging." Science **380**(6649): eabn9257.