

TRANSLATIONAL EXERCISE BIOMEDICINE

HONORARY EDITOR-IN-CHIEF

Chunhai Fan, Shanghai

EDITORS-IN-CHIEF

Wilhelm Bloch, Cologne

Min Hu, Guangzhou

EXECUTIVE EDITOR-IN-CHIEF

Sulin Cheng, Shanghai

DEPUTY EDITORS-IN-CHIEF

Jonathan Little, Kelowna

Yannis Pitsiladis, Hong Kong

MANAGING EDITOR

Shi Zhou, Lismore

ASSOCIATE EDITORS

Philip J. Atherton, Nottingham

Helen Dawes, Exeter

Willem van Mechelen, Amsterdam

Jörn Rittweger, Cologne

YOUNG ASSOCIATE EDITORS

Julian Alcazar, Castilla-La Mancha

Dominik H. Pesta, Cologne

Moritz Schumann, Chemnitz

Chenhong Zhang, Shanghai

EDITORS

Eduardo Lusa Cadore, Rio Grande do Sul

Kade Davison, Adelaide

Shuzhe Ding, Shanghai

Jorming Goh, Singapore

Albert Gollhofer, Freiburg

Marcela Gonzalez-Gross, Madrid

Zeguang Han, Shanghai

Tao Huang, Shanghai

Mary Jung, Okanagan

Eija Laakkonen, Jyväskylä

Jari Laukanen, Kuopio

Guoping Li, Beijing

Hui Li, Beijing

Tommy Lundberg, Solna

Riku Nikander, Jyväskylä

Theodora Papadopoulou, Loughborough

Fabio Pigozzi, Rome

Jane Seto, Melbourne

Jielin Sun, Shanghai

Xiao Tan, Hangzhou

LaDora Thompson, Boston

Kun Wang, Shanghai

Xianbo Zhang, Beijing

Zhengzhen Wang, Beijing

Jiexiu Zhao, Beijing

EDITORIAL OFFICE

OFFICE MANAGING DIRECTOR

Xiuqiang Wang, Shanghai

IN-HOUSE MANAGING EDITOR

Xiaohui Hou, Guangzhou

ASSOCIATE OFFICE MANAGING DIRECTOR

Jiangtao Xia, Guangzhou

KNOWLEDGE MOBILIZATION EDITOR

Alexis Marcotte-Chénard, Okanagan

IN-HOUSE EDITORS

Yaohui Wu, Guangzhou

Siman Lei, Macau

ASSISTANT

Boyi Zhang, Shanghai

DE GRUYTER



上海交通大学
SHANGHAI JIAO TONG UNIVERSITY



廣州體育學院
GUANGZHOU SPORT UNIVERSITY

Please see the journal's homepage for Abstracting & Indexing Services information.

The publisher, together with the authors and editors, has taken great pains to ensure that all information presented in this work (programs, applications, amounts, dosages, etc.) reflects the standard of knowledge at the time of publication. Despite careful manuscript preparation and proof correction, errors can nevertheless occur. Authors, editors and publisher disclaim all responsibility for any errors or omissions of liability for the results obtained from use of the information, or parts thereof, contained in this work. The citation of registered names, trade names, trademarks, etc., in this work does not imply, even in the absence of a specific statement, that such names are exempt from laws and regulations protecting trademarks etc., and therefore free for general use.

e-ISSN 2942-6812

All information regarding notes for contributors, subscriptions, Open access, back volumes and orders is available online at www.degruyter.com/teb.

EDITORIAL OFFICES Xiuqiang Wang, Shanghai Jiao Tong University, 800 Dongchuan Road, Minhang District, Shanghai, 200240, the People's Republic of China, and Jiangtao Xia, Journal Center, Guangzhou Sport University, 1268 Guangzhou Dadao Road, Tianhe District, Guangzhou, Guangdong Province, 510500, the People's Republic of China; email: teb@sjtu.edu.cn

PUBLISHER Walter de Gruyter GmbH, Berlin/Boston, Genthiner Straße 13, 10785 Berlin, Germany

JOURNAL COORDINATOR Wiktoria Kusz, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany, email: wiktoria.kusz@degruyterbrill.com

JOURNAL MANAGER Ramprasad Anbazhagan, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany, e-mail: ramprasad.a@degruyterbrill.com

ADVERTISEMENTS email: anzeigen@degruyter.com

© 2025 Shanghai Jiao Tong University and Guangzhou Sport University

TYPESETTING TNQ Tech Private Limited, Chennai, India

Translational Exercise Biomedicine is endorsed by the Global Alliance for the Promotion of Physical Activity (GA) and as the official partner journal of GA.

Questions about General Product Safety Regulation: productsafety@degruyterbrill.com