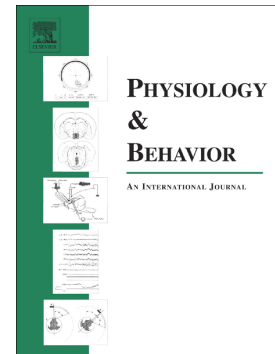


Accepted Manuscript

Temperament as a modulating factor of pain sensitivity in combat sport athletes

Katarzyna Leźnicka, Anna Starkowska, Maciej Tomczak, Paweł Ciężczyk, Monika Białecka, Maria Ligocka, Piotr Żmijewski, Maciej Pawlak



PII: S0031-9384(17)30264-0
DOI: doi: [10.1016/j.physbeh.2017.08.018](https://doi.org/10.1016/j.physbeh.2017.08.018)
Reference: PHB 11893

To appear in: *Physiology & Behavior*

Received date: 14 January 2017
Revised date: 8 August 2017
Accepted date: 23 August 2017

Please cite this article as: Katarzyna Leźnicka, Anna Starkowska, Maciej Tomczak, Paweł Ciężczyk, Monika Białecka, Maria Ligocka, Piotr Żmijewski, Maciej Pawlak , Temperament as a modulating factor of pain sensitivity in combat sport athletes. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Phb(2017), doi: [10.1016/j.physbeh.2017.08.018](https://doi.org/10.1016/j.physbeh.2017.08.018)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**TEMPERAMENT AS A MODULATING FACTOR OF PAIN SENSITIVITY IN COMBAT SPORT
ATHLETES**

Katarzyna Leźnicka, PhD^{a*}, Anna Starkowska^b, Maciej Tomczak, PhD^c Paweł Ciężczyk,
PhD^d, Monika Białecka, PhD, MD^e, Maria Ligocka^f, Piotr Żmijewski PhD^g, Maciej Pawlak,
PhD^h

^{a*} Department of Human Functional Anatomy and Biometry, Institute of Physical Culture and Health Promotion, Szczecin University, al. Piastów 40b, 71-065 Szczecin, Poland, Fax: +48914442736; Tel: +48914442736; e-mail: k.leznicka@tlen.pl, corresponding author.

^b Independent Clinical Psychology Unit, Department of Psychiatry, Pomeranian Medical University in Szczecin, Fax: +48914541507; Tel: +48914540 733; e-mail: a.starkowska.pum@gmail.com

^c Department of Psychology, University School of Physical Education, Poznan, Poland, e-mail: Fax: +48618355099; Tel: +48618355000; maciejtomczak5@gmail.com

^d Department of Biological Basis of Physical Culture, Faculty of Physical Culture and Health Promotion, Szczecin University, Szczecin, Poland, Fax: +48914442736; Tel: +48914442736 e-mail: cieszczyk@onet.poczta.pl

^e Department of Pharmacokinetics and Therapeutic Drug Monitoring, Pomeranian Medical University, Szczecin, Poland, Fax: +48914661600; Tel: +48914661589; e-mail: monika-bialecka@post.pl

^f Department of Personality Psychology, Institute of Psychology, University of Szczecin, ul. Krakowska 69, 71-017, Szczecin, Poland, Fax: +48914443240; Tel: +48914443240; e-mail: maria.ligocka@univ.szczecin.pl

^g Faculty of Medicine, University of Information Technology and Management in Rzeszow, Rzeszow, Poland, Fax: no, E-mail: zmijewski@op.pl

^h Department of Physiology, Biochemistry and Hygiene, Poznan University of Physical Education, Poznan, Poland; Fax: +48618355099; Tel: +48618355000; e-mail: pawlak@awf.poznan.pl

Download English Version:

<https://daneshyari.com/en/article/5593607>

Download Persian Version:

<https://daneshyari.com/article/5593607>

[Daneshyari.com](https://daneshyari.com)