

Received: 2021.11.10

Accepted: 2021.11.10

Available online: 2021.11.10

Published: 2021.11.11

## Retracted: Atomic Absorption Spectrometry Analysis of Trace Elements in Degenerated Intervertebral Disc Tissue

- 1 **Łukasz Kubaszewski**
- 2 **Anetta Ziota-Frankowska**
- 2 **Marcin Frankowski**
- 3 **Andrzej Nowakowski**
- 4 **Róża Czabak-Garbacz**
- 1 **Jacek Kaczmarczyk**
- 5 **Robert Gasik**

- 1 Department of Orthopaedic and Traumatology, W. Dega University Hospital, University of Medical Sciences, Poznań, Poland
- 2 Department of Water and Soil Analysis, Faculty of Chemistry, Adam Mickiewicz University in Poznań, Poznań, Poland
- 3 Department of Spine Surgery, Oncologic Orthopaedics and Traumatology, W. Dega University Hospital, University of Medical Sciences, Poznań, Poland
- 4 Department of Human Physiology, Medical University of Lublin, Lublin, Poland
- 5 Clinic and Polyclinic of Neuroorthopedic and Neurology, Institute of Rheumatology, Warsaw, Poland

**Corresponding Author:** Łukasz Kubaszewski, e-mail: e-klinika@o2.pl

### Retraction Notice:

**Medical Science Monitor is retracting the following publication on the basis of duplicated published content.**

- 1) Kubaszewski Ł, Ziota-Frankowska A, Frankowski M, Rogala P, Gasik Z, Kaczmarczyk J, Nowakowski A, Dabrowski M, Labeledz W, Miękiśiak G, Gasik R. Comparison of trace element concentration in bone and intervertebral disc tissue by atomic absorption spectrometry techniques. *J Orthop Surg Res.* 2014 Oct 25;9: 99. doi: 10.1186/s13018-014-0099-y. PMID: 25342441; PMCID: PMC4220064.
- 2) Kubaszewski Ł, Ziota-Frankowska A, Frankowski M, Nowakowski A, Czabak-Garbacz R, Kaczmarczyk J, Gasik R. Atomic absorption spectrometry analysis of trace elements in degenerated intervertebral disc tissue. *Med Sci Monit.* 2014 Nov 4;20: 2157-64. doi: 10.12659/MSM.890654. PMID: 25366266; PMCID: PMC4301216.
- 3) Nowakowski A, Kubaszewski Ł, Frankowski M, Wilk-Frańczuk M, Ziota-Frankowska A, Czabak-Garbacz R, Kaczmarczyk J, Gasik R. Analysis of trace element in intervertebral disc by Atomic Absorption Spectrometry techniques in degenerative disc disease in the Polish population. *Ann Agric Environ Med.* 2015;22(2): 362-7. doi: 10.5604/12321966.1152096. PMID: 26094540.

We have reviewed the content of all three similar publications. We note that Medical Science Monitor was the second to publish this study, in November 2014. At that time, the Corresponding Author gave no declaration of submitting this study to any other journal, nor of previously publishing this study.

### Reference:

Łukasz Kubaszewski, Anetta Ziota-Frankowska, Marcin Frankowski, Andrzej Nowakowski, Róża Czabak-Garbacz, Jacek Kaczmarczyk, Robert Gasik. Atomic Absorption Spectrometry Analysis of Trace Elements in Degenerated Intervertebral Disc Tissue. *Med Sci Monit*, 2014; 20: 2157-2164. DOI: [10.12659/MSM.890654](https://doi.org/10.12659/MSM.890654)

