

**HVM Bioflux, Volume 11(1)
March 30, 2019**

**Human & Veterinary Medicine -
International Journal of the Bioflux Society**



International Standard Serial Number Online ISSN 2066–7663; Print ISSN 2066-7655

Published by Bioflux – Quarterly

The journal covers all the fields of human and veterinary medicine.

Editor-in-Chief

Vesa Stefan Cristian - University of Medicine and Pharmacy, Cluj-Napoca (Romania).

Editors

Bocsan Corina - University of Medicine and Pharmacy, Cluj-Napoca (Romania)

Buzoianu Anca - University of Medicine and Pharmacy, Cluj-Napoca (Romania)

Constantinescu Radu – USAMV Cluj, Cluj-Napoca (Romania)

Crisan Sorin - University of Medicine and Pharmacy, Cluj-Napoca (Romania)

Demayo Cesar G. - Mindanao State University, Iligan City (Philippines)

Foti Maria, University of Messina, Messina (Italy)

Ganzon-Naret Erlinda - University of the Philippines Visayas, Iloilo (Philippines)

Georgescu Carmen - University of Medicine and Pharmacy, Cluj-Napoca (Romania)

Gradinaru Andrei - USAMV Iasi, Iasi (Romania)

Josyula Ratnakar - Yale University School of Medicine (USA)

Kimura Tohru - National Institutes of Natural Sciences, Okazaki (Japan)

Lucaciu Patricia Ondine - University of Medicine and Pharmacy, Cluj-Napoca (Romania)

Macarie Antonia - University of Medicine and Pharmacy, Cluj-Napoca (Romania)

Matei Dana - University of Medicine and Pharmacy, Cluj-Napoca (Romania)

Mihociu Tamara - R&D National Institute for Food Bioresources (Romania)

Mogosanu George - University of Medicine and Pharmacy, Craiova (Romania)

Mohammad Fouad Kasim - University of Mosul, Mosul (Iraq)

Munoz-Juzado Ana - Universidad de Cordoba (Spain)

Patrutoiu Ion - SC Explo 06 SRL, Craiova (Romania)

Patrutoiu Ramona L. - Service de Santé au Travail Multisectoriel (Luxembourg)

Petrescu-Mag I. Valentin - USAMV Cluj, Cluj-Napoca, University of Oradea (Romania)

Petrovici Milca - West University of Timisoara, Timisoara (Romania)

Petrovici Snejana - DVM practitioner, Jordbruksverkets (Sweden)
Profico Chiara - DVM practitioner, Pescara (Italy)
Qiang Li - Hope for Animals Inc, Fort Wayne (USA)
Rahmati-holasoo Hooman - University of Tehran, Tehran (Iran)
Saraci George - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Saveanu Loredana - Faculte de Medecine Bichat, Paris (France)
Tatoyan Marina - Yerevan State Medical University M. Heratsi (Armenia)
Turcu Mihaela Claudia - University of Turku, Turku (Finland)
Ungureanu Loredana, University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Viswanath Jagannadh - St Peter' College Kolenchery (India)
Voinescu Bogdan Ioan - Babeş-Bolyai University, Cluj-Napoca (Romania).

Assistant Editor

Bianca Azamfirei, University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Sergiu Pasca, University of Medicine and Pharmacy, Cluj-Napoca (Romania).

Contact Publisher

SC Bioflux SRL, 54 Ceahlău Street, Cluj-Napoca, 400488, Romania, European Union.

Ioan Valentin Petrescu-Mag, e-mail: zoobiomag2004@yahoo.com

Vesa Stefan Cristian, e-mail: stefanvesa@gmail.com

Note that there is also an electronic version of the journal. You may download the fulltext version of HVM Bioflux – Volume 11/ 2019 from <http://www.hvm.bioflux.com.ro/> - open access.

All articles included in HVM Bioflux are peer-reviewed. Each published article was seen before by two reviewers and at least one specialist in foreign languages. The two peer-reviews are made independently.

Abstracting and Indexes in International/National Databases and Catalogs

ISI Web of Science – Thomson Scientific (via CABI and Zoological Record)

CAB International - Global Health (CABI, UK)

EBSCO Publishing (Ipswich, USA) - EBSCOhost database
CEPIEC (China) - Socolar
Wolters Kluwer - OVID LinkSolver (imported from CABI)
Ulrich's Periodicals Directory
Serials Solutions
Index Copernicus
CNCSIS Romania (Rank: B+)
CAB Direct (part of CABI)
Open J Gate (World's Biggest Open Access English Language Journals Portal)
Universität Zürich - Bibliothek der Vetsuisse-Fakultät (Digital Library)
University of Washington - University Libraries (Digital Library)
Technische Universität Berlin - Universitätsbibliothek (Digital Library)
Dayang Journal System (Korea) (Digital Library)
Geneva Foundation for Medical Education and Research (Digital Library)
VUB Bibliotheek (Digital Library)
HKU Libraries (Digital Library)
NewJour (Digital Library)
Directory of E-Journals
New School Libraries - Get it!
Korea University Library
Google Scholar – Academic Search Engine
and many others.

Our collaborators



Ulrich's™ is the most comprehensive knowledgebase of print and electronic serials data available and features in-depth coverage for more than 300,000 serials from 90,000 publishers covering 950 subject areas and 200 languages. This unmatched resource powers the Ulrich's™ Global Serials Intelligence services. For more than 75 years, librarians and researchers have trusted Ulrich's™ as the authoritative serials resource for unbiased information about journals, magazines, newspapers, and other periodicals around the world. The Ulrich's dedicated data managers perform ongoing research and publisher outreach to ensure the most current, multi-faceted view of the scope, availability, and quality of serials resources.

Socolar

The free scholastic search engine is established by China Educational Publications Import and Export Corporation (CEPIEC). Under the leadership of China Ministry of Education, CEPIEC is the only company dealing with publication ex-im business in the education field. CEPIEC has been serving colleges and universities, research institutions and public libraries in China for more than 20 years, providing them with excellent academic resources from all over the world. Contact:
No 41 Zhong Guan Cun Street,
Haidian District, Beijing,
P.R.China 100080
Tel: +86 (0)10 6251 4068
e-mail: li_yanxia@cepiec.com.cn
Fax: +86 (0)10 6251 4068
www.cepiec.com.cn



CABI is a not-for-profit international organization that improves people's lives by providing information and applying scientific expertise to solve problems in agriculture and the environment. Their mission and direction is influenced by their member countries who help guide the activities they undertake. These include scientific publishing, development projects and research, and microbial services. 2010 marked 100 years of CABI. Since its beginnings as an entomological committee in 1910, it then developed into a Commonwealth organization before becoming a truly international service in agricultural information, pest identification and biological control in the mid 1980s.



EBSCOhost® databases are the most-used, premium online information resources for tens of thousands of institutions worldwide, representing millions of end-users.
Address: 10 Estes Street
Ipswich, MA 01938 USA
Phone: (978) 356-6500
Toll Free: (800) 653-2726 (USA & Canada)
Fax: (978) 356-6565
E-mail: information@ebSCOhost.com

Zoological Record (part of Biosis)

ION contains the organism names related data gathered from the scientific literature for Thomson Reuters' *Zoological Record*® database. Viruses, bacteria and plant names will be added from other Thomson Reuters databases such as *BIOSIS Previews*® and *Biological Abstracts*®



THOMSON REUTERS

Index to Organism Names (ION)



Contents

- Tkachenko AS, Onishchenko AI, Gorbach TV, Nakonechna OA, Shekhovtsova EV, Gubina-Vakulyck GI. HSP90 α overexpression in small intestinal mucosa and high blood serum levels of HSP70 and 8-isoprostane in carrageenan-induced intestinal inflammation. *HVM Bioflux* 2019;11(1):1-5.
- Ispas A, Holonec R, Crişan T, Fodor G, Constantiniuc M. Role of occlusal forces in the development of non-carious cervical lesions. *HVM Bioflux* 2019;11(1):6-10.
- Iacob SM, Chisnoiu AM, Fluerasu MI, Lascu LM, Iacob I, Chisnoiu R, Pascu L. Body posture improvement after occlusal correction- a case report. *HVM Bioflux* 2019;11(1):11-17.
- Ispas A, Craciun A, Kui A, Lascu L, Constantiniuc M. Occlusal forces and their transmission to the periodontium. *HVM Bioflux* 2019;11(1):18-21.
- Iacob SM, Chisnoiu AM, Fluerasu, Lascu LM, Iacob I, Berar AM, Kui AI, Objelean A. Dental practitioners perspective on systemic implications of dental malocclusions. *HVM Bioflux* 2019;11(1):22-26.
- Rusu RA, Vesa SC, Sava M, Olteanu DE, Popa M. Infectious complications in pediatric patients with hematologic malignancies. *HVM Bioflux* 2019;11(1):27-31.
- Perju Dumbrava D, Ureche DI, Rebeleanu C, Radu CC, Chiroban O. Forensic and psychiatric perspectives in domestic violence. *HVM Bioflux* 2019;11(1):32-36.
- Vaida L, Todor BI, Lile IE, Mut A-M, Mihaiu A, Todor L. Contention following the orthodontic treatment and prevalence of relapse. *HVM Bioflux* 2019;11(1):37-42.