

**HVM Bioflux, Volume 9(4)
December 30, 2017**

**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

Abd-Allah Saber Mohamed - Beni-Suef University (Egypt)
Bocsan Corina - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Crisan Sorin - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Georgescu Carmen - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Gradinaru Andrei - USAMV Iasi, Iasi (Romania)
Kimura Tohru - National Institutes of Natural Sciences, Okazaki (Japan)
Ionescu Daniela - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
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)
Mogosanu George - University of Medicine and Pharmacy, Craiova (Romania)
Mohammad Fouad Kasim - University of Mosul, Mosul (Iraq)
Munteanu Alexandru Claudiu - University of Medicine and Pharmacy, Craiova (Romania)
Patrutoiu Ion - SC Explo 06 SRL, Craiova (Romania)
Patrutoiu Ramona Linda - Service de Santé au Travail Multisectoriel (Luxembourg)
Petrescu-Mag Ioan Valentin - USAMV Cluj, Cluj-Napoca, University of Oradea (Romania)
Petrovici Milca - West University of Timisoara (Romania)
Petrovici Snejana - DVM practitioner, Jordbruksverkets (Sweden)
Rhyne Andrew - Roger Williams University; New England Aquarium, Boston
Saraci George - University of Medicine and Pharmacy, Cluj-Napoca (Romania)(USA)
Ungureanu Loredana, University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Voinescu Bogdan Ioan - Babeş-Bolyai University, Cluj-Napoca (Romania).

Honorary Editors

Buzoianu Anca - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Saveanu Loredana - Faculte de Medecine Bichat, Paris (France).

Editorial Councillor

Velter Victor: UEFISCDI, Bucharest (Romania).

Scientific Reviewers

Balint Ana Claudia - USAMV Cluj, Cluj-Napoca (Romania)
Buzdugan Elena - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Caracostea Gabriela - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Caraiani Cosmin - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Chirila Daciana - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Cosier Viorica - USAMV Cluj, Cluj-Napoca (Romania)
Costea Ramona Ioana - USAMV Cluj, Cluj-Napoca (Romania)
Creanga Steofil - USAMV Iasi, Iasi (Romania)
Crisan Dana - University of Medicine and Pharmacy, Cluj-Napoca (Romania)

Csep Laszlo - Bioflux, Cluj-Napoca (Romania)
Fodor Dana Marieta - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Foti Maria, University of Messina, Messina (Italy)
Gavriloaie Ionel-Claudiu: SC Bioflux SRL, Cluj-Napoca (Romania)
Gospic Daniel: G2O d.o.o. (Slovenia)
Hajimohammadi Bahador: Shahid Sadoughi University, Yazd (Iran)
Josyula Ratnakar - Yale University School of Medicine (USA)
Matros Luminita - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Micu Bogdan - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Militaru Valentin - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Molnar Kalman - Hungarian Academy of Sciences, Budapest (Hungary)
Munoz-Juzado Ana - Universidad de Cordoba (Spain)
Musuka Confred G. - The Copperbelt University, Kitwe (Zambia)
Nowak Michal - University of Agriculture in Krakow (Poland)
Odagiu Antonia Maria - USAMV Cluj, Cluj-Napoca (Romania)
Oroian Ioan - USAMV Cluj, Cluj-Napoca (Romania)
Pall Eموke - USAMV Cluj, Cluj-Napoca (Romania)
Pandrea Stanca Lucia University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Pavli Constantin - USAMV Iasi, Iasi (Romania)
Petrescu Crina - Babes-Bolyai University, Cluj-Napoca (Romania)
Petrescu-Mag Ruxandra Malina - Babes-Bolyai University, Cluj-Napoca (Romania)
Popescu Irinel Eugen - UAIC Iasi, Iasi (Romania)
Profico Chiara - DVM practitioner, Pescara (Italy)
Pusta Dana - USAMV Cluj, Cluj-Napoca (Romania)
Qiang Li - Hope for Animals Inc, Fort Wayne (USA)
Radu Corina - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Rahmati-holasoo Hooman - University of Tehran, Tehran (Iran)
Rosianu Horea - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Rus Vasile - USAMV Cluj, Cluj-Napoca (Romania)
Silaghi Ciprian - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Suteu Mihai - USAMV Cluj, Cluj-Napoca (Romania)
Tanase Irina Oana - USAMV Iasi, Iasi (Romania)
Teodorescu Magdalena - The Ohio State University (USA)
Tepelus Tudor Cosmin - Universitat Tubingen (Germany)
Todor Bianca Ioana - Faculty of Medicine and Pharmacy, Oradea (Romania)
Tugui Olimpia Ramona - Univ. Lyon II Lumiere (France)
Turcu Mihaela Claudia - University of Turku, Turku (Finland)
Vasilovici Alina Florentina - University of Medicine and Pharmacy, Cluj-Napoca (Romania)
Viswanath Jagannadh - St Peter' College Kolenchery (India).

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 9/ 2017 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

Scopus Elsevier – (Elsevier Products)
Scimago Journal Rank (Scimago, Spain) – Powered by Scopus
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.



ELSEVIER PRODUCTS

Elsevier B.V., Bibliographic Databases, Radarweg 29, 1043 NX Amsterdam, The Netherlands.



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*®



Index to Organism Names (ION)



Contents

- Catinean A, Neag MA, Pop D. Different presentations of gastroesophageal reflux disease. HVM Bioflux 2017;9(4):111-115.
- Groza I, Acalovschi M, Pasca S, Andreica V, Tantau M, Matei D. Factors predictive of relapse in variceal upper gastrointestinal bleeding. A prospective study in patients with liver cirrhosis. HVM Bioflux 2017;9(4):116-123.
- Marginean C, Procopciuc L, Fodoreanu L. Implications of MTHFR polymorphisms in the development of treatment-resistant schizophrenia. HVM Bioflux 2017;9(4):124-129.
- Tomina D, Roman A, Condor D, Dinu C, Petruțiu SA. Experimental rat model – is it still used? – review article. HVM Bioflux 2017;9(4):130-136.
- Benaissa MH, Mimoune N, Kaidi R. Prevalence and anatomohistopathologic studies of uterine anomalies in she-camels in southeast Algeria. HVM Bioflux 2017;9(4):137-145.
- Bolba IM, Dina LA, Badea RI, Rusu I, Ciobanu L, Vasile T. Moderately differentiated neuroendocrine tumor (NET G2) of the pancreatic tail - stage IV clinical case. HVM Bioflux 2017;9(4):146-151.
- Mois E, Graur F, Al Hajjar M, Puia C, Zaharie F, Pop F, Furcea L, Zeama C, Radu C, Bartos A, Iancu C. Factors determining microscopic positive resection margins after gastrectomy for gastric adenocarcinoma. HVM Bioflux 2017;9(4):152-156.
- Milaciu MV, Ciumarnean L, Sampelean DP, Bocsan IC, Popa DE, Pasca S, Acalovschi M. Paraoxonase 1 activities and gene polymorphisms in non-alcoholic steatohepatitis – preliminary results of a pilot study. HVM Bioflux 2017;9(4):157-160.
- Stoian A, Balasa R, Barcutean L, Motataianu A, Mocan S, Maier S, Bajko S, Szasz S. An unusual cause of longitudinally extensive transverse myelitis - case report. HVM Bioflux 2017;9(4):161-165.
- Dumitru C, Bastian A, Popp C, Neagu M, Constantin C, Cioplea M, Nichita L, Andrei R, Vassu T, Zurac S. Immunohistochemical features of partial regression in cutaneous melanoma – E-cadherin key molecule. HVM Bioflux 2017;9(4):166-177.
- Apan B, Cristina A, Bala CG, Morariu D, Macarie AE, Crisan A, Ilia T, Bocsan CI, Buzoianu AD. Evolution of anthropometric and biochemical parameters after 6 months of treatment with exenatide compared to dapagliflozin in patients with type 2 diabetes. HVM Bioflux 2017;9(4):178-182.