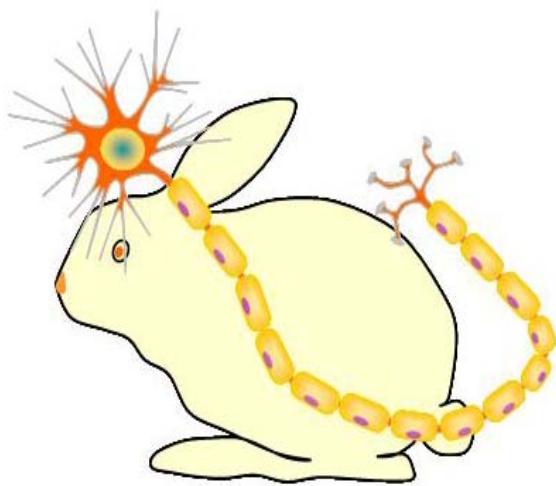


**ABAH Bioflux, Volume 5(2)**  
**December 30, 2013**

**Animal Biology & Animal Husbandry - International  
Journal of the Bioflux Society**



# **International Standard Serial Number**

## **Online ISSN 2067-6344; Print ISSN 2066-7612**

Published by Bioflux – twice a year

### **Editorial Board Expanded**

28 Countries (5 continents): Romania, Poland, Palestinian Authority, USA, India, Greece, Italy, Turkey, Egypt, Thailand, Indonesia, Pakistan, Malaysia, Iran, France, Norway, Philippines, Japan, Israel, France, Finland, Spain, Brazil, Hungary, Slovenia, South Korea, Zambia and Belgium.

#### **Editor in Chief**

Botha Miklos: Bioflux SRL, Cluj-Napoca (Romania) miklosbotha@yahoo.com (contact for submission)

#### **Editors**

Creanga Steofil: USAMV Iasi (Romania)  
Covrig Ilie: USAMV Cluj, Cluj-Napoca (Romania)  
Demayo Cesar G.: Mindanao State University - Iligan City (Philippines)  
Galca Valerica: USAMV Iasi, Iasi (Romania)  
Georgescu Bogdan: USAMV Cluj, Cluj-Napoca (Romania)  
Kimura Tohru: National Institutes of Natural Sciences, Okazaki (Japan)  
Lacuna Maria L. D. G.: Mindanao State University, Iligan City (Philippines)  
Mitroiu Mircea: UAIC Iasi, Iasi (Romania)  
Pasarin Benone: USAMV Iasi, Iasi (Romania)  
Pentelescu Ovidiu: USAMV Cluj, Cluj-Napoca (Romania)  
Patrutoiu Ion: University of Craiova, Craiova (Romania)  
Petrescu-Mag Ioan Valentin: USAMV Cluj, Cluj-Napoca (Romania)  
Petrovici Milca: West University of Timisoara, Timisoara (Romania)  
Petrescu-Mag Ruxandra Malina: Babes-Bolyai University, Cluj-Napoca (Romania)  
Pricop Emilian: UAIC Iasi, Iasi (Romania)  
Rhyne Andrew: Roger Williams University; New England Aquarium, Boston (USA)  
Sima Nicusor Flavius: USAMV Cluj, Cluj-Napoca (Romania)  
Taati M. Mehdi: Gorgan University of Agricultural Sciences & Nat. Res. (Iran)  
Talu Stefan: Technical University, Cluj-Napoca (Romania)  
Tlusty Michael F.: New England Aquarium, Boston (USA)  
Vesa Stefan Cristian: University of Medicine and Pharmacy, Cluj-Napoca (Romania)

#### **Editorial councillor**

Velter Victor: UEFISCDI, Bucharest (Romania)

#### **Scientific Reviewers**

Abd-Allah Saber Mohamed: Beni-Suef University (Egypt)  
Al-Qutob Mutaz: Al-Quds University (Palestinian Authority)  
Almeria Merlita L.: Mindanao State University, Marawi City (Philippines)  
Appelbaum Samuel: University of the Negev (Israel)  
Arockiaraj A. Jesu: Cheju National University (South Korea)  
Balteanu Valentin: USAMV Cluj, Cluj-Napoca (Romania)  
Caipang Christopher M.A.: Biovivo Technologies AS, Bodø (Norway)  
Carsai Crina Teodora: USAMV Cluj, Cluj-Napoca (Romania)  
Celik Meryem Yesim: University of Sinop (Turkey)

Coroian Aurelia: USAMV Cluj, Cluj-Napoca (Romania)  
Coroian Cristian: USAMV Cluj, Cluj-Napoca (Romania)  
Costea Ramona Ioana: USAMV Cluj, Cluj-Napoca (Romania)  
Csep Laszlo: Bioflux, Cluj-Napoca (Romania)  
Daraban Stelian: USAMV Cluj, Cluj-Napoca (Romania)  
Gabor Erol: USAMV Cluj, Cluj-Napoca (Romania)  
Gavriloae Ionel-Claudiu: Technical College "INFOEL" Bistrita (Romania)  
Gospic Daniel: G2O d.o.o. (Slovenia)  
Gradinaru Andrei: USAMV Iasi, Iasi (Romania)  
Jafaryan Hojatollah: Gonbad Higher Education Center, Golestan (Iran)  
Jha Prithwiraj: Raiganj Surendranath Mahavidyalaya, Raiganj (India)  
Lebailly Philippe: University of Liege, Liege (Belgium)  
Luangpirom Ampa: Khon Kaen University, Khon Kaen (Thailand)  
Lucidi Pia: University of Teramo, Teramo (Italy)  
Mehrad Bahareh, Gorgan University of Agricultural Sciences & Nat. Res. (Iran)  
Molnar Kalman - Hungarian Academy of Sciences, Budapest (Hungary)  
Muchlisin Zainal Abidin: Universiti Sains (Malaysia), Syiah Kuala University (Indonesia)  
Musonda Felix F.: The Copperbelt University, Kitwe (Zambia)  
Nowak Michal: University of Agriculture in Krakow, Krakow (Poland)  
Odagiu Antonia: USAMV Cluj, Cluj-Napoca (Romania)  
Oroian Ioan: USAMV Cluj, Cluj-Napoca (Romania)  
Oroian Teofil: USAMV Cluj, Cluj-Napoca (Romania)  
Patrutoiu Tudor Ciprian Radu: SC Explo 06 SRL, Craiova (Romania)  
Peteiro Cesar: Spanish Institute of Oceanography (IEO), Santander (Spain)  
Penafort Jefferson Murici: Federal Rural University of Amazon, Belem (Brazil)  
Perdikaris Costas: Technological Educational Institute of Epirus (Greece)  
Popescu Irinel Eugen: UAIC Iasi, Iasi (Romania)  
Rafeeq Majed: University of Balochistan, Quetta (Pakistan)  
Rosioru Corina: Babes-Bolyai University, Cluj-Napoca (Romania)  
Sima Rodica Maria: USAMV Cluj, Cluj-Napoca (Romania)  
Suteu Mihai: Independent researcher, Cluj-Napoca (Romania)  
Talu Stefan: Technical University of Cluj (Romania)  
Tugui Olimpia Ramona: Univ. Lyon II Lumiere (France)  
Turcu Mihaela Claudia: University of Turku (Finland)  
Usturoi Marius Giorgi: USAMV Iasi (Romania)

### **Contact Publisher (and owner)**

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

Ioan Valentin Petrescu-Mag,

e-mail: zoobiomag2004@yahoo.com

Ruxandra Mălină Petrescu-Mag,

e-mail: pmalina2000@yahoo.com

---

Note that there is also an electronic version of the journal. You may download the fulltext version of ABAH Bioflux – Volume 5/2013 from <http://www.abah.bioflux.com.ro/> - open access. All articles included in ABAH Bioflux are peer reviewed. Each article was seen before by two reviewers. The two peer-reviews are made independently.

## **Indexing and Abstracting**

Thomson Reuters, Master Journal List - Zoological Record  
ISI Web of Knowledge – Thomson Reuters (via Zoological Record)  
ISI Web of Knowledge – Thomson Reuters (via CABI)  
CAB International - CAB Abstracts (CABI, UK)  
EBSCOhost (Ipswich, USA)  
DOAJ (Lund University Library)  
Socolar (CEPIEC, China)  
Wolters Kluwer - OVID LinkSolver (imported from CABI)  
Ulrich's Periodicals Directory  
Serials Solutions  
Index Copernicus International  
CNCSIS Romania (Rank: B+)  
Datastar  
STN International  
CAB Direct (CABI's platform)  
Dialog (Proquest)  
Dimdi  
Scipio (Platforma Editoriala Romana)  
AcademicLink  
Google Scholar – Academic Search Engine  
Scirus - for scientific information only (ELSEVIER BV)  
Google - Search Engine  
Yahoo – Search Engine  
and several tens of digital libraries !!!

## 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.



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](http://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](mailto:information@ebscohost.com)



## Contents

- Hematzade A., Taati M. M., Raissy M., 2013 Effects of extrusion of diet on growth parameters of rainbow trout (*Oncorhynchus mykiss*). ABAH Bioflux 5(2):127-131.
- Pavli C., Tanase I. O., 2013 Short term preservation of chilled tomcat (*Felis catus* L.) spermatozoa, obtained by urethral catheterization after medetomidine administration, diluted with a laboratory prepared extender. ABAH Bioflux 5(2):132-136.
- Ganzon-Naret E. S., 2013 Growth response and feed intake of *Lates calcarifer* to four different dietary protein levels with green pea (*Pisum sativum*) under controlled laboratory condition. ABAH Bioflux 5(2):137-144.
- Aspacio K. T., Yuto C. M., Nuneza O. M., Villanueva R. J. T., 2013 Species diversity of Odonata in selected areas of Buru-un, Iligan City and Tubod, Lanao del Norte, Philippines. ABAH Bioflux 5(2):145-155.
- Todoran L., Bud I., 2013 Opportunities to improve the quality of aquatic products. ABAH Bioflux 5(2):156-164.
- Marchis Z., Negrea O., Ludu I., Terhes S. C., Cighi V., Coroian A., 2013 Research concerning the reproduction indices in Semigreu of Transylvania equine function of years (2008-2012), and by total population. ABAH Bioflux 5(2):165-170.
- Georgescu B., Georgescu C. E., 2013 Bisphenol A levels in commercial milk, infant formula and dairy products. ABAH Bioflux 5(2):171-174.
- Ganzon-Naret E. S., 2013 Effects of feeding frequency on growth, survival rate and body composition in sea bass (*Lates calcarifer*) juveniles fed a commercial diet under laboratory condition. ABAH Bioflux 5(2):175-182.
- Coroian A., Matea C. T., Bele C., Miresan V., Raducu C., Odagiu A., Daraban S., Coroian C. O., 2013 Variation of the fatty acids in buffalo milk and cheese. ABAH Bioflux 5(2):183-187.
- Coroian A., Miresan V., Raducu C., Cocan D., Daraban S., Coroian C. O., 2013 Changes of buffalo milk physico-chemical parameters in a population from Cluj County. ABAH Bioflux 5(2):188-193.
- Cighi V., Oroian T. E., Felvinti C., Marchis Z., Gavrila V., Cighi L., Dronca D. D., 2013 Research on the influence of genetic structure and on the main morpho-productive and reproductive traits in Bazna swine breed, 157 and 001 strain. ABAH Bioflux 5(2):194-202.
- Pop S., Bud I., 2013 The possibility of growth of North African catfish (*Clarias gariepinus*) in Romanian natural ponds during summer period. ABAH Bioflux 5(2):203-208.
- Lacuna M. L. D. G., Simyunn D. D., Mejorada R. O., Espana N., Sagrado D. C., 2013 Description of marine copepods, *Centropages furcatus*, *Eucalanus monachus* and *Oncaeae venusta*, in Mindanao waters, Southern Philippines. ABAH Bioflux 5(2):209-228.
- Pop S., Bud I., 2013 Influence of basin shape on growth performance and development of North African catfish (*Clarias gariepinus*). ABAH Bioflux 5(2):229-235.
- Carsai T. C., Vlaic A., 2013 The polymorphism of RseI type at STAT 5A locus in cattle. ABAH Bioflux 5(2):236-240.
- Ganzon-Naret E. S., 2013 Influence of different feeding rates using commercial dry pellets on growth, feed efficiency and survival for hatchery produced sea bass *Lates calcarifer*. ABAH Bioflux 5(2):241-248.
- Luangpirom A., Kourchampa W., Somsapt P., 2013 Effect of bitter melon (*Momordica charantia* Linn) fruit juice on blood prolactin level and histological change of mammary gland in lactating mice. ABAH Bioflux 5(2):249-254.