

Annals of Spiru Haret University

Veterinary Medicine
Year XIII, nr. 13, 2012

ROMÂNIA DE MÂINE
FOUNDATION PUBLISHING HOUSE
BUCHAREST

Editorial team

Prof. Ph.D. Berghes Carmen – coordinator

Prof. Ph.D. D.H.C. Manolescu Nicolae – member of the Romanian Academy

Prof. Ph.D. AT. Bogdan – corresponding member of the Romanian Academy

Prof. Ph.D. D.H.C. Seiciu Florian – member of the Academy of Agricultural and Forestry Sciences

Prof. D.H.C. Bârză Horea – member of the Academy of Agricultural and Forestry Sciences

Prof. D.H.C. Drochner Winfried – Hohenheim University, Germany

Prof. univ. D.H.C. Coțofan Vasile – USAMV Iași, Faculty of Veterinary Medicine

Prof. univ. D.H.C. Stănescu Vasile – USAMV Bucharest, Faculty of Veterinary Medicine

Assoc. Prof. Ph.D. Andronie Viorel – *Spiru Haret* University Bucharest, Faculty of Veterinary Medicine

Editors:

Project Supervisor Ph.D. Dinu Cristina – *Spiru Haret* University Bucharest, Faculty of Veterinary Medicine

Assoc. Prof. Ph.D. Pârvu Monica – *Spiru Haret* University Bucharest, Faculty of Veterinary Medicine

Editorial office:

Bucharest, 47 Mașina de Pâine Str., district 2, tel: 021.242.15.75

Scientific reviewers

Prof. Ph.D. Cernescu Horia – USAMV Timișoara, Faculty of Veterinary Medicine

Prof. Ph.D. Constantin Nicolae – USAMV Bucharest, Faculty of Veterinary Medicine

Prof. Ph.D. Cornilă Nicolae – USAMV Bucharest, Faculty of Veterinary Medicine

Prof. Ph.D. Coțofan Otilia – USAMV Iași, Faculty of Veterinary Medicine

Prof. Ph.D. Crivineanu Maria – USAMV Bucharest, Faculty of Veterinary Medicine

Prof. Ph.D. Crivineanu Victor – USAMV Bucharest, Faculty of Veterinary Medicine

Prof. Ph.D. Diaconescu Ștefan – USAMV Bucharest, Faculty of Veterinary Medicine

Prof. Ph.D. Dancea Zoe – USAMV Cluj-Napoca, Faculty of Veterinary Medicine

Prof. Ph.D. Decun Mihai – USAMV Timișoara,

Faculty of Veterinary Medicine
Prof. Ph.D. Grozea Ion – USAMV Cluj Napoca,
Faculty of Veterinary Medicine
Prof. Ph.D. Ionescu Emanuela – USAMV
Bucharest, Faculty of Veterinary Medicine
Prof. Ph.D. Mihai Carp Cărare – USAMV Iași,
Faculty of Veterinary Medicine
Prof. Ph.D. Savu Constantin – USAMV Bucharest, Faculty of Veterinary Medicine
Prof. Ph.D. Știrbu Constantin – USAMV Bucharest, Faculty of Biotechnology
Prof Ph.D. Teușdea Valer– USAMV Bucharest, Faculty of Veterinary
Medicine
Prof Ph.D. Țogoe Iulian – USAMV Bucharest, Faculty of Veterinary
Medicine
Prof. Ph.D. Vlăgioiu Constantin – USAMV Bucharest, Faculty of Veterinary
Medicine
Assoc. Prof. Ph.D. Andronie Ioana Cristina – *Spiru Haret* University Bucharest,
Faculty of
Veterinary Medicine
Assoc. Prof. Ph.D. Turcu Dănuț – *Spiru Haret* University Bucharest, Faculty of
Veterinary
Medicine
Assoc. Prof Ph.D. Belc Natalia – The Institute of Food Bio-resources

**A Publishing House recognized by Ministry of Education, Research, Youth and
Sport, by the**

National Board of Research in Higher Education (COD 171)

© Editura Fundației România de Mâine

ISSN: 1454-8283

The total or partial reproduction, in any form or any technical means, is strictly
forbidden and will be

punished by law.

*The responsibility for the text content and originality exclusively belong to the
authors.*

CONTENTS

Carmen Bergheș, Cristina Dinu, D. Cucă, <i>Clarifications regarding the topographical location of the vascular, lymphatic and nervous formations from the thorax aperture in pigs and sheep</i>	7
Boh Chang Lin, <i>Identification and differentiation of Haemophilus parasuis seronontypeable strains using a species-specific PCR and the digestion of PCR products with Hind III endonuclease</i>	11
Adriana Amfim, Monica Pârnu, Violeta-Elena Simion, G. Ciobotaru (student), <i>Biochemical evaluation of mineral status in swine</i>	15
Ioana Andronie, Monica Pârnu, V. Andronie, Violeta Simion, <i>Dairy cow behaviour and their welfare</i>	23
Elena-Luiza Bădic, Bogdana Drăguța Lupașcu (student), <i>Emerging issues about two zoonoses, Lyme disease and Canine ehrlichioza</i>	27
Călin Victor, <i>Gravimetric determination and cytomorphological changes in experimental stress in young avian breeding</i>	33
D. Cucă, Cristina Dinu, Carmen Bergheș, N. Avram, <i>Haematological and biochemical changes in cattle enteric syndrome</i>	39
Cristina Dinu, Fl. Leca, Carmen Bergheș, D. Cucă, <i>The right ventricle hypertrophy and dilatation in chronic pulmonary heart disease</i>	47
P. Grigorescu, <i>Studies on the therapeutic abortion on bitch</i>	53
Ioana Andreea Marinescu, <i>Sustainability of health in the framework for sustainable development</i>	57
Ioana Andreea Marinescu, <i>Sustainability health insurance structures – their subsistence/biosocial existence in human communities</i>	63
Monica Pârnu, Ioana Cristina Andronie, Adriana Amfrim, <i>Interrelation between the eggshell quality and the laying hens breeding system</i>	72
T. Petruț, <i>Research on the lung, aesophagus, intestine and kidney histostructure of swine fetus aged 60 days old</i>	75
Laura Tudor, <i>Studies on the aetiology and treatment of uterine sub-involution in the bitch</i>	83
D. Turcu, Mariana Oporanu, P. Grigorecu, Gabriela Tudosiu (student), <i>Studies concerning the diagnosis, treatment and prophylaxis of cows mastitis in a dairy cows farm from Ilfov country</i>	87
N. Velicu, N. Bercaru, T. Petruț, <i>The healing effect of sterile powder of corn smut (Ustilago maydis)</i>	99