

the **20th** INTERNATIONAL CONFERENCE
**LIFE SCIENCES FOR
SUSTAINABLE DEVELOPMENT**

23rd - 24th September 2021, Cluj-Napoca, Romania



ISSN: 2392-6937
ISSN-L: 2392-6937

Calea Mănăştur 3-5, 400372 Cluj-Napoca, Romania
Phone: +40 264.596.384, fax: +40 264.593.792

IMPRESSUM

Published by University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca

Printed by AcademicPres (EAP),
3-5 Manastur Street, Cluj-Napoca, 400372
Romania

Web page <http://symposium.usamvcluj.ro/>

IMPRESSUM

University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca

under the patronage of Romanian

Ministry of Education
Ministry of Agriculture and Rural Development

Organize

THE 20th INTERNATIONAL CONFERENCE "LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT"

23rd – 24th of September 2021
Cluj-Napoca, Romania

LOCAL ORGANISING COMMITTEE

Prof. Cornel CĂTOI, PhD – rector
Prof. Dan C. VODNAR, PhD – vice rector for research
Prof. Adela PINTEA, PhD – Director of the Council for Doctoral Studies
Prof. Cristina Bianca Pocol, PhD – Director of School of Agricultural Engineering Sciences
Prof. Ioan MARCUS, PhD – Director of Doctoral School of Veterinary Medicine
Prof. Roxana VIDICAN, PhD – dean
Assoc. Prof. Mignon SANDOR, PhD – vice-dean for research
Prof. Viorel MITRE, PhD – dean
Prof. Mirela CORDEA, PhD – vice-dean for research
Prof. Daniel DEZMIREAN, PhD – dean
Assist. Prof. Cristian Ovidiu COROIAN, PhD – vice-dean for research
Prof. Nicodim FIȚ, PhD – dean
Prof. Sanda ANDREI, PhD – vice-dean for research
Prof. Elena MUDURA, PhD – dean
Prof. Sonia SOCACI, PhD – vice-dean for research
Rodica MĂRGĂOAN, PhD
Bianca VLAICU
Adina OȘAN
Oana ONIȚ
Raluca-Ana CHIȘ
Sorina DÂRJAN, PhD
Bogdan HOSTIUC

Faculty of Agriculture

Prof. Laura PAULETTE, PhD
Lecturer Vlad STOIAN, PhD
Prof. Francisc DULF, PhD
Lect. Cristian MĂLINAȘ, PhD
Dumitrița DASCĂLU, PhD student
Bianca DUMEA, MS student

Faculty of Horticulture

Prof. Florica MATEI, PhD
Prof. Felix ARION, PhD
Prof. Diana DUMITRAȘ, PhD
Lect. Cristian SISEA, PhD
Lect. Timea BURU, PhD
Orsolya BORSALAI, PhD

Faculty of Animal Sciences and Biotechnology

Assoc. prof. Aurelia COROIAN, PhD
Lect. Cristina HEGEDUS, PhD
Assoc. prof. Daniel COCAN, PhD
Assis. prof. Adriana URCAN, PhD
Lect. Bogdan VLAIC, PhD
Lect. Mihai ȘUTEU, PhD

Faculty of Veterinary Medicine

Lecturer Cristian MARTONOS, PhD
Assis. Sorana DAINA, PhD
Cristiana NOVAC, PhD student
Catalina MATEI, PhD student
Mihaela COTUL, PhD student
Mara AURORI, PhD student
Victoria BUZA, PhD student

Faculty of Food Science and Technology

Prof. Cristina SEMENIUC, PhD
Lecturer Oana Lelia POP, PhD
Lecturer Anca C. FARCAS, PhD

Conference Secretary

Raluca-Ana CHIȘ, Ec.
Sorina DÂRJAN, PhD

SWINE DISEASES ON COMMERCIAL FARMS IN SERBIA

Jovan BOJKOVSKI*¹, Sreten NEDIĆ¹, Sveta ARSIĆ¹, Ivan VUJANAC¹, Renata RELIĆ², Ivan PAVLOVIĆ³, Ivan DOBROSAVLJEVIĆ⁴, Zsolt BECSKEI¹ and Radiša PRODANOVIĆ¹

¹ Faculty of Veterinary Medicine, University of Belgrade, Serbia

² Faculty of Agriculture, University of Belgrade, Serbia

³ Scientific Veterinary Institute of Serbia, Belgrade, Serbia

⁴ Specialisitic veterinary Institute, Požarevac, Serbia

*Corresponding author e-mail: bojkovski@vet.bg.ac.rs

Introduction: In large animal agglomerations, diseases can be observed according to the size of spreading, the type of causative agent, and its zoonosis or enzootic character. In intensive swine breeding, both infectious and multicausal etiology diseases can be encountered. Certain organs or organ systems can be affected.

Aims: The study aimed to establish the type and the frequency of swine diseases on commercial farms.

Materials and Methods: At two commercial farms, all swine were clinically examined (suckling piglets, weaners, fatteners, sows, and boars), and samples were taken from animals with health disorders. Feed samples were taken as well. The collected material was analyzed, and the results obtained were statistically processed.

Results: The following diseases were present on the commercial farms: colibacillosis, dysentery, edema disease, esophagogastric ulcer, PRDC, proliferative enteropathy of multicausal etiology, and some parasitosis.

Conclusion: The health condition of the swine herd depends on the housing conditions, the quality of the diet, and the application of prophylactic measures on the farm.

Keywords: commercial farm, herd disease, prophylactic measures, swine

References:

1. Bojkovski J., Savić B., Rogožarski D., Stojanović D., Vasiljević T., Apić I., Pavlović I. (2013). An outline of clinical cases of diseases in pigs at commercial farms. Proceedings of 23rd International Symposium “New Technologies in Contemporary Animal Production”, Novi Sad, Serbia, 19-21 Jun, 163-166.

Acknowledgment: The study was supported by the Ministry of Education, Science and Technological Development of the Republic of Serbia (Contract number 451-03-9/2021-14/200143).