

**Multidisciplinary Conference on Sustainable Development**  
*Section: Veterinary Medicine*

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**USAMVT Timisoara**

**Multidisciplinary Conference on Sustainable  
Development**

*08-09 October 2020*



**Scientific Programme**  
**Multidisciplinary Conference on Sustainable  
Development, 08-09 October 2020**  
*Section: Veterinary Medicine*



**Faculty of Veterinary Medicine**

**Timișoara, 2020**

# Conferences Programme

**1<sup>st</sup> Day – 08<sup>th</sup> of October, 2020 (Thursday)**

10 <sup>00</sup> – 10 <sup>10</sup>	Opening of the Conference
10 <sup>10</sup> – 10 <sup>30</sup>	Plenary Lecture PL <sub>1</sub>
10 <sup>30</sup> – 10 <sup>50</sup>	Plenary Lecture PL <sub>2</sub>
10 <sup>50</sup> – 11 <sup>10</sup>	Plenary Lecture PL <sub>3</sub>
11 <sup>10</sup> – 11 <sup>30</sup>	Plenary Lecture PL <sub>4</sub>

***“Iulian Drăcea” Auditorium***  
***Banat’s University of Agricultural Sciences and Veterinary Medicine***  
***“King Michael I of Romania” from Timișoara***

## **Section: Agriculture - *Trends in european agriculture development***

12 <sup>00</sup> – 14 <sup>00</sup>	Oral communications
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***“Iulian Drăcea” Auditorium***  
***Banat’s University of Agricultural Sciences and Veterinary Medicine***  
***“King Michael I of Romania” from Timișoara***

## **Section: Veterinary Medicine - *Animal breeding and pathology today***

14 <sup>30</sup> – 14 <sup>35</sup>	Opening of the Conference
14 <sup>35</sup> – 16 <sup>30</sup>	Oral communications and Concluding Remarks

***“Iulian Drăcea” Auditorium***  
***Banat’s University of Agricultural Sciences and Veterinary Medicine***  
***“King Michael I of Romania” from Timișoara***

## **Section: Animal husbandry and biotechnology - *Animal resource bioengineering***

17 <sup>00</sup> – 19 <sup>00</sup>	Oral communications
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# **Multidisciplinary Conference on Sustainable Development**

## **Section: Veterinary Medicine**

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### **2<sup>nd</sup> Day - 09<sup>th</sup> of October, 2020 (Friday)**

#### **Section: Agricultural management - Management of sustainable rural development**

10<sup>00</sup> – 12<sup>00</sup> Oral communications

**"Iulian Drăcea" Auditorium  
Banat's University of Agricultural Sciences and Veterinary Medicine  
"King Michael I of Romania" from Timișoara**

#### **Section: Horticulture and Forestry - Horticulture, Forestry and Biotechnology**

12<sup>30</sup> – 14<sup>30</sup> Oral communications

**"Iulian Drăcea" Auditorium  
Banat's University of Agricultural Sciences and Veterinary Medicine  
"King Michael I of Romania" from Timișoara**

#### **Section: Food Engineering - Food Chemistry, Engineering & Technology**

15<sup>00</sup> – 17<sup>00</sup> Oral communications

**"Iulian Drăcea" Auditorium  
Banat's University of Agricultural Sciences and Veterinary Medicine  
"King Michael I of Romania" from Timișoara**

## Scientific Programme

**8 October 2020 (Thursday)**

*"Iulian Drăcea" Auditorium  
Banat's University of Agricultural Sciences and Veterinary Medicine  
"King Michael I of Romania" from Timișoara*

- 10<sup>00</sup> – 10<sup>10</sup>     **Opening of the Conference**  
**Cosmin Alin Popescu**, *Rector of the Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara,*  
**Isidora Radulov**, *Vicerector of the Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara,*
- 10<sup>10</sup> – 10<sup>30</sup>     Science, the media and communication  
**Serban Morosan** - *Director UMS (unité mixte de service) (France), Associate Professor (USAMV Iasi ), French National Institut of Health and Medical Research (INSERM), Sorbonne University, USAMV IASI*
- 10<sup>30</sup> - 10<sup>50</sup>     Sustaining the Natural Wonders of the Caribbean and the Communities who Depend on them  
**Timothee Huswald** - *Honorary Consul General of Romania in Haiti, President of College Universitaire de Roumanie in Haiti, President of the Fund for Biodiversity in Haiti*
- 10<sup>50</sup> – 11<sup>10</sup>     Probiotic approaches to modifying the microbial populations how do you choose and why?  
**Todd Riley Callaway** - *University of Georgia, Department of Animal and Dairy Science*
- 11<sup>10</sup> – 11<sup>30</sup>     Impact of industrial production system parameters on chicken microbioms  
**Ozan Gundogdu** - *Department of Infection Biology – LSHTM; London School of Hygiene and Tropical Medicine - Department of Infection Biology*

# Multidisciplinary Conference on Sustainable Development

## Section: Veterinary Medicine

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"Iulian Drăcea" Auditorium  
Banat's University of Agricultural Sciences and Veterinary Medicine  
"King Michael I of Romania" from Timișoara

## Section: Veterinary Medicine

Thursday, 8 October 2020

"Iulian Drăcea" Auditorium  
Banat's University of Agricultural Sciences and Veterinary Medicine  
"King Michael I of Romania" from Timișoara

### CHAIR:

Assoc. Prof. Corina PASCU

14<sup>30</sup> – 14<sup>35</sup>      Opening of the Conference  
**Prof. Viorel Herman**, *Dean of the Faculty of Veterinary Medicine, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara*

**Prof. Narcisa Mederle**, *Vicedean of the Faculty of Veterinary Medicine, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara*

14<sup>35</sup> – 14<sup>45</sup>      **Ectoparasites infestation of red foxes (*Vulpes vulpes L.*) In Serbia**  
PAVLOVIĆ I., STANOJEVIĆ S., GAVRILOVIĆ P., ZDRAVKOVIĆ N., DOBROSAVLJEVIĆ I., STOJANOV I., MEDERLE N., IVANOVIĆ S.  
*Scientific Veterinary Institute Belgrad (Serbia)*

14<sup>45</sup> – 14<sup>55</sup>      **Calves and dairy cows' health and nutrition in intensive breeding**  
BOJKOVSKI J., BUGARSKI D., ŽIVKOV-BALOŠ M., PRODANOVIĆ R., VUJANAC I., NEDIĆ S., ARSIĆ S., BECSKEI ZS., ZDRAVKOVIĆ N., HADŽIĆ I., PAVLOVIĆ I., DOBROSAVLJEVIĆ I., BOJKOVSKI D., MILANOV D., RELIĆ R.  
*Faculty of Veterinary Medicine Belgrad (Serbia)*

14<sup>55</sup> – 15<sup>05</sup>      **Oscillation of blood pressure in dogs with kidney injury undergoing hemodialysis**  
VIȚĂLARU B.A., MARCU M., ȘTEFĂNESCU A.  
*Faculty of Veterinary Medicine Bucharest*

15<sup>05</sup> – 15<sup>15</sup>      **Preliminary results of the seric calcium variations in canine chronic kidney patients according to oral intake of calcium phosphorus binders**  
VIȚĂLARU B.A., ȘTEFĂNESCU A.  
*Faculty of Veterinary Medicine Bucharest*

## **Multidisciplinary Conference on Sustainable Development**

### **Section: Veterinary Medicine**

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15<sup>15</sup> – 15<sup>25</sup>     **A survey on anaplasmosis in dogs from three counties of Romania**  
BRĂTULEANU B.E, ANIȚĂ A.E, ANIȚĂ D.C, OȘLOBANU L.E, DASCĂLU A.M,  
SAVUȚA G.

*Faculty of Veterinary Medicine Iasi*

15<sup>25</sup> – 15<sup>35</sup>     **Investigation on the quality and pollution with fungi and mycotoxins  
of fodders used in a beef cattle farm from Brașov county**

MACRI A.M., DAINA S., SZAKCS A.R.

*Faculty of Veterinary Medicine Cluj-Napoca*

15<sup>35</sup> – 15<sup>45</sup>     **External splinting for treatment of pectus excavatum in a pug dog: a  
case report**

IGNA C., SCHUSZLER L., DASCĂLU R., SICOE B., ZAHA C.

*Faculty of Veterinary Medicine Timisoara*

15<sup>45</sup> – 15<sup>55</sup>     **Radiographic assessment of the distal radius and ulna in dogs**

PROTEASA A., SCHUSZLER L., DASCĂLU R., IGNA C.

*Faculty of Veterinary Medicine Timisoara*

15<sup>55</sup> – 16<sup>05</sup>     **Surgical repair of a strangulated umbilical hernia in a 6-month-old  
large white pig using v-loc barbed suture: case report**

SICOE B., SCHÜSZLER L., DASCĂLU R., ZAHA C., BUMB D., IGNA C.

*Faculty of Veterinary Medicine Timisoara*

16<sup>05</sup> – 16<sup>15</sup>     **Observations on AMR in *S. aureus* dairy mastitis**

HUȚU I., LUNGU B., GEORGESCU O., TULCAN C., MIRCU C.

*Faculty of Veterinary Medicine Timisoara*

16<sup>15</sup>– 16<sup>30</sup>     Concluding Remarks

**Thursday, 8 October 2020**

**Friday, 9 October 2020**

## **POSTERS**

**1. The effects of aqueous extracts of *Silybum marianum* and *Hippophae rhamnoides* on rat liver in alloxane-induced diabetes**

BREZOVAN D., MUSELIN F., CRISTINA R.T., DUMITRESCU E., SAVICI J.  
*Faculty of Veterinary Medicine Timisoara*

**2. Paraclinical investigations on protein metabolism in dairy cows**

CIULAN V., MOȚ T., SIMIZ F., MORAR D., POP C., CANĂ P., VĂDUVA C.  
*Faculty of Veterinary Medicine Timisoara*

**3. Research on the effect of supplementing feed with sea bowl powder (*Hippophae rhamnoides*) on productive performance of broiler chickens**

COLIBAR O., HERMAN V., MEDERLE N., TIRZIU E., BRUDIU I., HOTEA I.  
*Faculty of Veterinary Medicine Timisoara*

**4. Comparative research regarding the evolution of hematological and biochemical parameters, in urolithic conditions, in dogs**

COTOR G., GĂJĂILĂ G., GHIȚĂ M., COTOR D.C., ZAGRAI (MĂIEREAN) A.M., ZAGRAI G.  
*Faculty of Veterinary Medicine Bucharest*

**5. Research on the evolution of african swine fever in Arad county in 2019**

HERMAN V., COSTINAR L., IERCAN R., DEGI I., MARIS C., IANCU I., PASCU C.  
*Faculty of Veterinary Medicine Timisoara*

**6. Considerations on the fiber and protein content interinfluence in oats used as feedstuff in animal diets**

HOTEA I., COLIBAR O., SÎRBU C., BERBECEA A., RADULOV I.  
*Faculty of Veterinary Medicine Timisoara*

**7. Prediction of nutritional value of sunflower seeds for monogastric animal nutrition**

HOTEA I., COLIBAR O., TÎRZIU E., PETREC-MATEIU O., VĂDUVA C., HERMAN V.  
*Faculty of Veterinary Medicine Timisoara*

**8. Neonatal development of newborn dogs, fed with natural dogmilk in comparison with those fed with complementary formulas**

MACRI A.M., SZAKCS A.R., DAINA S.

*Faculty of Veterinary Medicine Cluj-Napoca*

**9. Does the probiotic combination of *bacillus subtilis* and *pediococcus acidilactici* influence the biochemical parameters on healthy dogs? A pilot study.**

MATEI M.C., BUZA V., NEAGU D., POPOVICI C.P., SZAKACS A.R., ȘTEFĂNUȚ L.C.

*Faculty of Veterinary Medicine Cluj-Napoca*

**10. Evaluation of the biochemical content of fruits on some plum genotypes**

PARASCHIV M., HOZA D., NICOLA C., FLOREA A., BUTAC M., CHIVU M.

*Faculty of Veterinary Medicine Bucharest*

**11. Food fraud a new "concept" in food counterfeiting**

RUSU O.R., VLAD GH.

*Faculty of Veterinary Medicine Iasi*

**12. Assessment of chromium level and sexual hormone dynamics in male rats after prepubertal exposure to hexavalent chromium**

SAVICI J., BREZOVAN D.

*Faculty of Veterinary Medicine Timisoara*

**13. Dynamics of cardio-respiratory parameters in surgical interventions with a minimum two-hour length**

SCHUSZLER L., DASCALU R., SICOE B., ZAHA C., BĂLĂ F., BRUDIU I., IGNA C.

*Faculty of Veterinary Medicine Timisoara*

**14. Echocardiographic and blood biochemical investigations in endocardiosis in dogs**

SIMIZ F., VĂDUVA C., MORAR D., CIULAN V., BRĂSLAȘU E.D., BRĂSLAȘU C.M., ONMAZ A.C., MOȚ D., ROSARIO G., MOȚ T.

*Faculty of Veterinary Medicine Timisoara*

**15. Bacteriological and therapeutical research in dog's otitis externa**

VINTER G., PASCU C., IANCU I., DEGI J., MOZOS C., ORGHICI G., HERMAN V.

*Faculty of Veterinary Medicine Timisoara*

**16. Comparative aspects regarding the appendicular skeleton in reindeer (*Rangifer tarandus*) and small ruminants**

ZAGRAI G., DUMITRESCU I., RAITA S.M., COTOR D.C., ZAGRAI A.M. (MAIEREAN), DOBRILA M., BELU C.R.

*Faculty of Veterinary Medicine Bucharest*



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