



# THE IMPACT OF GLOBAL CHANGE ON THE ENVIRONMENT, HUMAN AND ANIMAL HEALTH

KOŠICE, SLOVAKIA  
MAY 2-6, 2017

## PROGRAMME



**NORD**  
University



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EEA Grants and Norway Grants 2009 – 2014 in the Slovak Republic

## May 2-6, 2017

- Conference Venue:** Hotel Yasmin, Tyršovo nábrežie 1, 040 01 Košice, Slovakia
- Registration:** Entrance Hall of lecture room, 1<sup>st</sup> upstairs Hotel Yasmin, May 02, 2017 from 4:00 p.m.
- Welcome drink:** Dining room of Hotel Yasmin, Tuesday, May 02, 2017 at 6:00 p.m.
- Gala dinner:** Wednesday, May 03, 2017 from 6:00 p.m., Hotel Yasmin
- Oral presentation:** All oral presentations are required to be in PowerPoint and speakers will be expected to load their presentation onto the podium laptop at least 15 minutes before beginning of the session. Except plenary lectures (40 minutes with 5-10 minutes discussion), duration of other presentations is maximum 15 minutes including discussion.
- Poster Exhibition:** The maximum size of the posters should be 110 cm high by 80 cm wide. Poster set-up is required immediately before the poster session. The poster boards will be numbered according to numbers in the Book of the Scientific Programme of the conference.  
Installation: 3<sup>rd</sup> May 2017 (Wednesday) from 7:30, removal: 4<sup>th</sup> May 2017 (Thursday) after 5:00 p.m.  
Discussion at the Posters – according to Scientific Programme and during the breaks.
- Book of abstracts:** Proceedings of scientific contributions and abstracts will be at the disposal for fee-paying participants in electronic version (USB).
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**City walks:** Thursday, May 04, 2017 at 3:00 p.m.

**Technician Trip to Betliar Castle and Ochtinská Aragonite Cave with lunch**

Friday, May 05, 2017 at 8:45-9:00 a.m.

Bus departure from UVMP in Košice (8:45) and Hotel YASMIN (9:00)

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## TIMETABLE

### Tuesday, May 02, 2017

**Registration:** Entrance Hall of lecture room, 1<sup>st</sup> upstairs Hotel Yasmin, May 02, 2017 from 4:00 p.m.

**Welcome drink:** Dining room of Hotel Yasmin, Tuesday, May 02, 2017 at 6:00 p.m.

### Wednesday May 03, 2017

07:30 – 13:00 **REGISTRATION, POSTER INSTALLATION**

09:00 – 09:30 **OPENING CEREMONY**

**Jana Mojžišová, Reid Hole**

09:30 – 10:50 **PLENARY LECTURES**

10:50 – 11:20 **Coffee break**

11:20 – 12:40 **PLENARY LECTURES**

12:40 – 14:00 **Lunch**

14:00 – 14:40 **PLENARY LECTURE**

14:40 – 16:10 **LECTURES**

16:10 – 16:40 **Coffee break**

16:40 – 17:10 **LECTURES**

**POSTER EXHIBITION AND DISCUSSION**

18:00 **GALLA DINNER, HOTEL YASMIN**

### Thursday May 04, 2015

09:30 – 10:45 **LECTURES**

10:45 – 11:15 **Coffee break**

**POSTER EXHIBITION AND DISCUSSION**

11:15 – 12:15 **LECTURES**

12:15 – 12:30 **CLOSING CEREMONY**

**Jana Mojžišová, Reid Hole**

12:30-14:00 **Lunch**

15:00 **City walks (information at the registration desk)**

### Friday May 05, 2017

**Technician Trip to Betliar Castle and Ochtinská Aragonite Cave with lunch**

Bus departure from UVMP in Košice (8:45 a.m.) and Hotel YASMIN (9:00 a.m.)

### Saturday May 06, 2017

Departure

# SCIENTIFIC PROGRAMME

Wednesday May 03, 2017

09:00 – 09:30 **Opening ceremony**

**Jana Mojžišová, Reid Hole**

## PLENARY LECTURES:

**Chairmen: Martin Tomko, Camilla Risvoll**

09:30-10:10 **Lapin M.:** PHYSICAL PRINCIPLES OF CLIMATE CHANGE AND ITS POSSIBLE IMPACTS.

*Faculty of Mathematics, Physics and Informatics, Comenius University, Bratislava, Slovakia.*

10:10-10:50 **Martinez J., Mille R., Vaast L.:** THE ROLE OF CLIMATE AND GLOBAL CHANGE ON WATER SCARCITY AND FOREST ENVIRONMENTAL DAMAGES IN EUROPE: EXAMPLES OF RESEARCH PROJECTS GOING ON AT IRSTEA IN FRANCE.

*National Research Institute of Science and Technology for Environment and Agriculture, France.*

10:50-11:20 **Coffee break**

**Chairmen: Mikuláš Oros, Torstein Kristensen**

11:20-12:00 **Novák P., Malá G., Kočíšová A.:** CLIMATE CHANGE AND ANIMALS - SCIENCE FICTION OR REALITY?

*VÚŽV Praha v. v. i., Czech Republic.*

12:00-12:40 **Risvoll C.:** FLEXIBILITY AMONG REINDEER HERDERS TO CLIMATE CHANGE AND CARNIVORE GOVERNANCE: A CASE STUDY IN NORDLAND, NORTHERN NORWAY.

*Nordland Research Institute, Norway*

12:40-14:00 **Lunch**

## PLENARY LECTURE:

**Chairmen: Pavel Novák, José Martinez**

14:00-14:40 **Oros M.:** IMPACT OF GLOBAL CHANGE ON FISH PARASITOLOGY AND FISH BORNE DISEASES.

*Institute of Parasitology, SAS, Slovakia.*

## LECTURES

14:40-14:55 **Kristensen T., Iversen N.S.:** IMPACTS OF CLIMATE CHANGE ON SALMON AQUACULTURE IN NORWAY.

*FBA, Nord University, Bodø, Norway.*

14:55-15:10 **Dente M.G., Riccardo F., Nacca G., Ranghiasi A., Manuguerra J.C., Escadafal C., Jimenez-Clavero M.A., Perez Ramirez E., Fernandez Pinero J., Robert V., Picard M., Gaayeb L., Victoir K., Declich S.:** STRENGTHENING PREPAREDNESS TO ARBOVIRUSES INFECTIONS IN MEDITERRANEAN AND BLACK SEA REGIONS.

*Istituto Superiore di Sanità (ISS), Roma, Italy.*

15:10-15:25 **Choquet M., Smolina I., Søreide J., Hoarau G.:** DEVELOPMENT OF NEW TOOLS TO UNDERSTAND IMPACT OF CLIMATE CHANGE ON DISTRIBUTIONS AND DYNAMICS OF KEY ORGANISM CALANUS IN THE NORTH ATLANTIC AND ARCTIC OCEAN.

*FBA, Nord University, Bodø, Norway.*

15:25-15:40 **Alloui N.:** CHALLENGES IN THE CONTROL OF ANIMAL DISEASES IN THE MEDITERRANEAN COUNTRY.

*Veterinary and Agricultural Sciences Institute, University of Batna, Algeria.*

16:10-16:40 **Coffee break, Poster exhibition and Discussion**

**Chairmen: Daniela Takáčová, Marvin Choquet**

16:40-16:55 **Albihn A.:** CLIMATE CHANGE IMPACT ON ZONOTIC AND ANIMAL INFECTIOUS DISEASES.

*National Veterinary Institute, Faculty of Veterinary Medicine & Animal Science; Uppsala, Sweden.*

16:55-17:10 **Molčányi T., Kerlik J., Avdičová M., Németh J.:** DYNAMICS OF TICK-BORNE DISEASES FOCI IN SLOVAKIA FROM EPIDEMIOLOGICAL AND ECOLOGICAL POINT OF VIEW.

*Surgeon General Office, Armed Forces of Slovak Republic, Ružomberok, Slovakia.*

18:00 **GALLA DINNER, HOTEL YASMIN**

16:10-18:00 **POSTER EXHIBITION AND DISCUSSION**

Installation: 3<sup>rd</sup> May 2017 (Wednesday) from 7:30, removal: 4<sup>th</sup> May 2017 (Thursday) after 5:00 p.m.

1. **Faško P., Labudová L., Ivaňáková G., Trizna M.:** ANALYSIS OF HEAT STRESS IN SLOVAKIA IN THE PERIOD 1951 – 2016.

*Slovenský hydrometeorologický ústav, Bratislava, Slovakia.*

2. **Holotová E., Miňo I., Hromada R., Koščo J., Chvojka D., Korytár Ľ., Ondrašovič M.:** IMPORTANCE OF DISINFECTION IN ANIMAL HEALTH PROTECTION, IN THE CONTEXT OF GLOBAL CHANGES.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
3. **Kováčová S., Schwarzbacherová V., Galdíková M., Holečková B., Šiviková K., Dianovský J.:** DETECTION OF DNA DAMAGE USING THE COMET ASSAY AFTER EXPOSURE TO EPOXICONAZOLE.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
4. **Mahmoud A.Z., EL-Sherry M.I., Sohair Rashed Ali, Nivein Abd El-Ghani Mohamed:** IMMUNOTOXICITY OF LEAD POLLUTION, A CLINICO PATHOLOGICAL STUDIES.  
*Veterinary Medicine, Assiut University, Egypt.*
5. **Schwarzbacherová V., Sobeková A., Galdíková M., Dikyová I., Holečková B., Šiviková K., Dianovský J.:** COMPARISON OF IN VITRO CHOLINESTERASE INHIBITION AFTER EXPOSURE TO INSECTICIDE FORMULATION MOSPILAN® 20SP AND ITS ACTIVE AGENT ACETAMIPRID.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
6. **Raši T., Majláthová V., Majláth I.:** IMPACT OF CLIMATE ON SEASONAL DYNAMICS OF TICKS.  
*Pavol Jozef Šafárik University in Košice, Slovakia.*
7. **Kocianová E., Hamšíková Z., Špitalská E., Minichová L., Mahríková L., Caban R., Kazimírová M.:** PREVALENCE OF TICK-BORNE PATHOGENS IN FREE-RANGING UNGULATES IN THE SMALL CARPATHIAN MOUNTAINS (SOUTHWESTERN SLOVAKIA).  
*Institute of Virology, Slovak Academy of Sciences, Bratislava, Slovakia*
8. **Vargová B., Majláthová V., Kosterec M., Majláth I., Cimbala R., Kurimský J.:** ELECTROMAGNETIC SMOG HAS POSITIVE IMPACT ON THE HATCHING OF *DERMACENTOR RETICULATUS* LARVAE.  
*Institute of Parasitology, Slovak Academy of Sciences, Košice, Slovakia.*
9. **Bušová M., Tuček M.:** LONG-TERM EFFECT OF USING HFCs IN AIR CONDITIONING TECHNOLOGY.  
*Charles University, First Faculty of Medicine, Prague, Czech Republic*
10. **Gereková P., Krištúfková K., Bírošová Z.:** POSSIBILITIES OF THE SCIENTIFIC COOPERATION WITH EUROPEAN FOOD SAFETY AUTHORITY AND THE COORDINATION AT NATIONAL LEVEL.  
*Ministry of Agriculture and Rural Development of the SR, EFSA, Bratislava, Slovakia.*
11. **Zupanec M., Numata J., Schafft H., Lahrssen-Wiederholt M.:** EFFECTS OF CHANGES IN GLOBAL SUPPLY CHAINS ON THE SAFETY OF AGRIFOOD.  
*Federal Institute for Risk Assessment (BfR), Berlin, Germany.*

12. **Harčárová M., Čonková E., Sihelská Z.:** THE IMPACT OF CLIMATE CHANGE ON THE OCCURRENCE MICROMYCETES IN CEREALS.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
13. **Aláčová R., Ondrejková J., Ambrušová K., Kebis A., Kovrižnych J., Kuricová M., Levkut M., Líšková A., Révajová V., Rollerová E., Szabová E., Ševčíková Z., Tulinská J., Zeljenková D.:** SAFETY EVALUATION OF GM MAIZE MON 810 IN SUBCHRONIC TOXICITY STUDY.  
*Slovak Medical University, Bratislava, Slovakia.*
14. **Sabo R., Sabová L., Legáth L., Javorský P.:** LABORATORY TOXICITY TESTS ON HONEYBEE (*APIS MELLIFERA*).  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
15. **Sabová L., Sabo R., Legáth L.:** THE WAYS OF BEE COLONY LOSS MONITORING IN THE WORLD.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
16. **Ondrejková J., Aláčová R., Ambrušová K., Kebis A., Kovrižnych J., Kuricová M., Levkut M., Líšková A., Révajová V., Rollerová E., Szabová E., Ševčíková Z., Tulinská J., Zeljenková D.:** CHRONIC TOXICITY STUDY ON A GENETICALLY MODIFIED MAIZE MON810 VARIETY IN WISTAR HAN RACC RATS.  
*Slovak Medical University, Bratislava, Slovakia.*
17. **Marcinčáková D., Falis M., Čonková E., Váczi P., Legáth J.:** XENOBIOTICS IN ENVIRONMENT AND PROTECTIVE ROLE OF *AGRIMONIA EUPATORIA* IN DRUG-INDUCED NEPHROTOXICITY.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
18. **Toropilová D., Eckerová R., Vargová M., Veszelits-Laktičová K., Zigo F., Tomko M., Toropila M., Zigová M., Vallušová K.:** IMPACT OF ENVIRONMENTAL CHANGES ON ASPECT QUALITY CONSUMPTION OF CABBAGE VEGETABLE AND ITS PREVENTION ON HUMAN HEALTH.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
19. **Galdíková M., Šivíková K., Holečková B., Schwarzbacherová V., Dianovský J., Kováčová S.:** COMPARISON OF COMMERCIAL INSECTICIDE AND ACTIVE AGENT THIAACLOPRID IN INDUCTION OF CHROMOSOMAL ABERRATIONS.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
20. **Greifová H., Jambor T., Lukáč N.:** REVIEW: THE POTENCIAL IMPACT OF ELECTROMAGNETIC FIELDS ON MALE REPRODUCTION.  
*Slovak University of Agriculture in Nitra, Slovakia.*
21. **Holečková B., Šivíková K., Dianovský J., Schwarzbacherová V., Galdíková M., Kováčová S., Drážovská M.:** THE POSSIBLE EFFECT OF SOME PESTICIDE GROUPS ON ANIMAL HEALTH.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*

22. **Palkovičová Z., Brestenský V., Brouček J.**: THE PRODUCTION OF AMMONIA EMISSIONS FROM SLOVAK POULTRY FARMING IN 2014.  
National Agricultural and Food Centre, Research Institute of Animal production Nitra, Slovakia.
23. **Ondrejková A.**: IMPACT OF GLOBAL WARMING ON THE OCCURENCE OF INFECTIOUS DISEASES.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
24. **D'Addabbo T., Sasanelli N., Franchi M., Iurcu-Stăistaru E., Catalano F.**: EGG HATCH RESPONSE OF CYST NEMATODES *HETERODERA CAROTAE* AND *H. SCHACHTII* TO RAISING TEMPERATURES.  
*Institute for Sustainable Plant Protection - CNR, Bari, Italy.*
25. **Bocková E., Kočišová A.**: DIVERSITY OF MOSQUITO FAUNA (DIPTERA: CULICIDAE) AND THEIR SEASONAL FLUCTUATION IN 2010-2014.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
26. **Dvořák V., Kočišová A., Bocková E., Hlaváčková K., Volf P.**: FIRST RECORD OF *PHLEBOTOMUS (TRANSPHLEBOTOMUS) MASCITII* GRASSI, 1908 (DIPTERA: PSYCHODIDAE), A SUSPECTED VECTOR OF *LEISHMANIA*, IN SLOVAKIA.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
27. **Kočišová A., Sarvašová A., Komorová P., Halán M.**: THE EFFECT OF LOCAL CLIMATE CHANGE ON THE ABUNDANCE OF SLOVAK *CULICOIDES* SPECIES IN THE LAST 5 YEARS.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
28. **Halán M., Major P., Kočišová A.**: THE FINDING OF NON-NATIVE SPECIES OF PARASITES IN IMPORTED REPTILES - CASE REPORT.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
29. **Jarošová J., Antolová D., Halán M.**: *HYMENOLEPIS NANA* IN SMALL RODENTS FROM PET SHOPS IN SLOVAKIA – POTENTIAL HUMAN INFECTION RISK.  
*Institute of Parasitology, Slovak Academy of Sciences, Košice, Slovakia.*
30. **Hurníková Z., Komorová P., Chovancová G.**: NEW EVIDENCE OF *TRICHINELLA PSEUDOSPIRALIS* IN BIRDS OF PREY IN SLOVAKIA – IS THE GLOBAL CHANGE TO BLAME?  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
31. **Komorová P., Hurníková Z., Chovancová G.**: OCCURENCE OF HELMINTH PARASITES IN MIGRATORY BIRDS OF PREY NESTING IN SLOVAKIA.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
32. **Korytár Ľ., Hromada R., Chvojka D., Koščo J., Laktičová Veszelits K., Vargová M., Pošiváková T., Miňo I., Ondrašovič M.**: MIGRATORY CONNECTIVITY OF EUROPEAN MIGRATORY BIRDS AND INFECTIOUS DISEASES.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*



33. **Lukešová D., Hailu F.T., Khatanbaatar I., Pebriansyah A., Azimov S.:** THE GEOGRAPHICAL DISTRIBUTION OF PARASITIC ZOOSES: THE ROLE OF WILDLIFE IN THE TRANSMISSION.  
*Czech University of Life Sciences in Prague, Faculty of Tropical AgriSciences Czech Republic.*
34. **Hatalová E., Valenčáková, A., Danišová O., Kalinová J., Luptáková, L., Halánová, M., Gabzdilová J.:** THE OCCURANCE OF CRYPTOSPORIDIUM PARVUM GENOTYPE IlaA17G1R1 AND IlaA21G1R1 IN ONCOLOGICAL PATIENTS IN SLOVAKIA.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
35. **Štrkolcová G., Goldová M., Maďar M.:** HUMAN GIARDIASIS CAUSED BY THE DOG-SPECIFIC GENOTYPE – CASE STUDY.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
36. **Papajová I., Pipiková J., Sasáková N.:** THE OCCURENCE OF TOXOCARA SPP. EGGS IN THE ENVIRONMENT UNDER THE INFLUENCE OF GLOBAL CLIMATIC AND SOCIAL CHANGES.  
*Institute of Parasitology SAS, Košice, Slovakia.*
37. **Diabelková J., Rimárová K.:** IMPACT OF ENVIRONMENTAL AND SOCIAL FACTORS ON RESPIRATORY DISEASES AMONG SCHOOLCHILDREN IN EASTERN SLOVAKIA.  
*University of P. J. Šafárik, Faculty of Medicine, Košice, Slovakia.*
38. **Mariassy A. T., Babal P., Shehadeh D.:** GLOBAL CHANGE, AIR POLLUTION AND PNEUMOCOCCOSIS: A NEW ASPECT OF THE LUNG RESPONSES TO DUST INHALATION.  
*Nova Southeastern University, College of Medical Sciences, Ft. Lauderdale, USA.*
39. **Vojtek B., Mojžišová J., Mandelík R., Drážovská M.:** OCCURENCE OF EQUINE INFECTIOUS ANAEMIA IN SLOVAKIA.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
40. **Subelj M., Grilc E.:** EPIDEMIOLOGICAL PROFILE OF TULAREMIA IN SLOVENIA: 2000–2016.  
*National Institute of Public Health, Centre for Communicable Diseases, Ljubljana, Slovenia.*
41. **Sihelská Z., Čonková E., Váczi P., Harčárová M.:** OCCURRENCE OF MALASSEZIA YEASTS IN ANIMALS DEPENDING ON THE CLIMATIC ZONE.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
42. **Sihelská Z., Čonková E., Váczi P., Harčárová M., Böhmová E.:** RESISTANCE OF MALASSEZIA PACHYDERMATIS ISOLATES.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
43. **Tomko M., Dvořák P., Beňová K., Špalková M.:** <sup>137</sup>CS ACTIVITY CONCENTRATION IN THE WILD BOAR STOMACH CONTENTS WITH REGARD TO SOIL CONTAMINATION.

*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*

- 44. Adekola A. A., Afusat T. J.:** EFFECT OF CLIMATE CHANGE ON HEALTH AND LIVESTOCK PRODUCTION IN NIGERIA: A CALL TO ACTION.

*University of Ibadan, Nigeria.*

- 45. Lukešová D., Khatanbaatar I., Kočíšová A., Byambarenchin B., Batsukh Z., Battsetseg G.:** THE IMPORTANT INFECTIOUS DISEASES OF LIVESTOCK IN MONGOLIA: THE CURRENT EPIZOOTIOLOGIC STATUS.

*Czech University of Life Sciences in Prague, Faculty of Tropical AgriSciences Czech Republic.*

- 46. Malá G., Novák P., Jiroutová P., Knížek J., Procházka D., Slavíková M.:** THE EFFECT OF CLIMATE EXTREMES ON SELECTED PHYSIOLOGICAL INDICATORS OF CALVES.

*VÚŽV Praha v. v. i., Czech Republic.*

- 47. Húska M., Hatalová E.:** THE EFFECT OF ENVIRONMENTAL POLLUTION BY HEAVY METALS ON THE HEALTH OF SHEEP IN CENTRAL SPIŠ REGION.

*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*

- 48. Youssef T. H., Hefnawy Y. A., Hassan H. A.:** CADMIUM CONCENTRATIONS IN CATTLE AND BUFFALOES MUSCLES AND CONSUMABLE ORGANS AT SPECIFIC LOCALITIES IN ASSIUT GOVERNORATE, EGYPT.

*Department of Food Hygiene, Faculty of Veterinary Medicine, Assiut University, Egypt.*

- 49. Zigo F., Vasil' M., Zigová M., Tomko M.:** INFLUENCE OF SUPPLEMENTATION SELENIUM AND VITAMIN E ON UDDER HEALTH IN DAIRY COWS.

*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*

- 50. Zigo F., Tomko M., Toropilová D., Zigová M., Vasil' M.:** OCCURENCE OF MASTITIS IN DAIRY COWS IN MARGINAL PARTS OF SLOVAKIA.

*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*

- 51. Benkő Z., Ondrejková A., Ondrejka R., Prokeš M., Korytár L., Drážovská M.:** BIOCLIMATOLOGICAL FACTORS AND THE HEALTH OF HIBERNATING BATS.

*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*

- 52. Jambor T., Bistáková J., Tvrďá E., Kňazická Z., Forgács Z., Greifová H., Zbyňovská K., Lukáč N.:** IN VITRO EFFECT OF ENDOCRINE DISRUPTOR TO THE STEROIDOGENESIS.

*Slovak University of Agriculture in Nitra, Slovakia.*

- 53. Žatko D., Vašková J., Vaško L.:** POSSIBLE MECHANISM OF CONTRIBUTION TO THE ADVERSE EFFECTS OF SALICYLATES.

*Faculty of Medicine, Pavol Jozef Šafárik University in Košice, Slovakia.*

- 54. Žatko D., Vašková J., Krempaská K., Vaško L.:** THE EFFECTIVENESS OF HUMIC ACID BASED PREPARATION ON THE MITOCHONDRIAL REDOX STATE IN CHRONIC LEAD INTOXICATION.

*Faculty of Medicine, Pavol Jozef Šafárik University in Košice, Slovakia.*

55. **Smolína I., Jueterbock A., Hoarau G.:** IMPACT OF CLIMATE CHANGE ON THE ARCTIC SEAWEED *FUCUS DISTICHUS*.  
*Nord University, Faculty of Biosciences and Aquaculture, Bodø, Norway.*
56. **Sasáková N., Gregová G., Venglovský J., Papajová I., Takáčová D., Miňo I.:** MONITORING OF QUALITY OF WATER ON DAIRY FARMS AND IDENTIFICATION OF POTENTIAL RISKS.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
57. **Sasáková N., Ryník K., Taiš J., Mojžišová J.:** THE INFLUENCE OF THE ENVIRONMENT ON THE QUALITY OF BOTTLED DRINKING WATER.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
58. **Pošiváková T., Hromada R., Švajlenka J., Veszelits Laktičová K., Vargová M., Pošivák J., Korytár Ľ., Klein R.:** MONITORING OF HEAVY METALS IN WATER RESOURCES IN CONDITION OF ANIMAL FARM.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
59. **Holotová E., Miňo I., Sasáková N., Gregová G., Hromada R., Koščo J., Chvojka D., Korytár Ľ.:** WATER POLLUTION IMPACT OF HUMAN ACTIVITIES IN THE CATCHMENT OF THE RIVER HORNAD.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
60. **Falis M., Špalková M., Beňová K., Tomko M.:** INFLUENCE OF LOW DOSES OF IONIZING RADIATION ON *ARTEMIA FRANCISCANA* EXPOSED TO AZOXYSTROBIN.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
61. **Gregová G., Venglovský J., Szabooová T., Sasáková N., Miňo I.:** EFFECT OF WASTE WATER TREATMET PROCESSES ON THE WATER QUALITY AND POLLUTION.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*

**Thursday May 04, 2017**

## LECTURES

**Chairmen:** **Alica Kočíšová, Alexander Sirotkin**

- 09:30-09:45 **Stanko M., Mošanský L.:** ARE THERE ANY CHANGES IN VERTICAL DISTRIBUTION AND SEASONAL DYNAMICS OF *IXODES RICINUS* TICKS IN SLOVAKIA OVER THE LAST DECADES?  
*Institute of Parasitology SAS, Institute of Zoology SAS, Košice, Slovakia.*
- 09:45-10:00 **Petko B., Majláthová V., Víchová B., Majláth I.:** TIME-SPACE EPIDEMIOLOGICAL ANALYSIS OF TICK-BORNE ENCEPHALITIS AND LYME DISEASE IN SLOVAKIA, 2001-2015.  
*Institute of Parasitology of the Slovak Academy of Sciences, Košice, Slovakia.*

- 10:00-10:15 **Kołodziej-Sobocińska M., Ruczyńska I., Tokarska M., Kowalczyk R.:** SPARGANOSIS - EMERGING DISEASE IN WILDLIFE.  
*Mammal research Institute, Polish Academy of Science, Białowieża, Poland.*
- 10:15-10:30 **Sirotkin A.V., Pivko J., Parkányi V., Bauer M.:** HOW HIGH TEMPERATURES AFFECT FARM ANIMAL REPRODUCTIVE AND ENDOCRINE SYSTEM.  
*Constantine the Philosopher University and Research Institute of Animal Production, Nitra, Slovakia.*
- 10:30-11:00 **Coffee break, Poster exhibition and Discussion**
- Chairmen: Michal Stanko, Marta Kołodziej-Sobocińska**
- 11:00-11:15 **Subelj M., Grilc E., Steiner-Rihtar S.:** INCREASING TREND OF DERMATOPHYTOSES IN SLOVENIA.  
*National Institute of Public Health, Ljubljana, Slovenia.*
- 11:15-11:30 **Botto L., Lendelová J.:** EFFECT OF HOT WEATHER ON INDOOR CLIMATIC CONDITIONS FOR PREGNANT SOWS.  
*National Agricultural and Food Centre - Research Institute for Animal Production Nitra, Lužianky, Slovakia.*
- 11:30-11:45 **Sirotkin A.V., Tarko A.:** THE DIRECT INFLUENCE OF OIL-RELATED ENVIRONMENTAL CONTAMINANTS ON ANIMAL OVARIAN FUNCTIONS: CAN IT BE PREVENTED BY MEDICAL, FOOD AND DRINK PLANTS?  
*Constantine the Philosopher University and Research Institute of Animal Production, Nitra, Slovakia.*
- 11:45-12:00 **Hatalová E., Valenčáková, A., Danišová O., Kalinová J., Luptáková L., Húska M.:** PERSISTANCE OF CRYPTOSPORIDIUM PARVUM IN THE ENVIRONMENT OF ZEMPLÍNSKA TEPLICA.  
*University of Veterinary Medicine and Pharmacy in Košice, Slovakia.*
- 12:00-12:30 **Closing ceremony**  
**Jana Mojžišová, Reid Hole**
- 12:30-14:00 **Lunch**