12th “Hafez” International Symposium on Turkey Diseases

Organized and Published

by

Prof. Dr. Dr. H. M. Hafez

Institute of Poultry Diseases, Faculty of Veterinary Medicine
Free University Berlin
Königsweg 63, 14163 Berlin
E-mail: hafez@vetmed.fu-berlin.de

Berlin, 31st May – 2nd June 2018
Thursday, 31st May 2018

10:00 - 12:30  Registration

12:30 - 13:00  Welcome address

13:00 - 13:20  Hafez, H. M. (Germany)
Some current factors and problems that influence turkey production and health

Resource for Change in the Turkey Industry Through Innovation in Education, Research, and Extension (Outreach)

13:50 - 14:10  Toppel, K., F. Kaufmann, M. Gauly, and R. Andersson (Germany, Italy)
Effect of a pH-lowering Litter Amendment on Animal-based Indicators and Litter Quality in a European Commercial Turkey Husbandry

14:10 - 14:40  Lindenwald, R., B. Spindler, D. Kämmerling, H.-J. Schuberth, R. Korbel, and S. Rautenschlein (Germany)
Impact of coloured LED-lighting zones on immune parameters and welfare of turkeys

14:40 - 15:00  Kaiser, H., T. Bartels, R. Lindenwald, and J. Berk (Germany)
Effects of different light spectra on performance, health and behaviour of male turkeys with intact beaks

15:00 - 15:30  Coffee Break

15:30 - 15:50  Oellrich, W. (UK)
Importance of Water Quality in Turkey Production
Thursday, 31st May 2018

16:10 – 16:30  Boykin, K.P., J.L. Grimes, P.G. Rohlf, M. Kenny, and T.P. Conroy (USA)
Effect of Strain and Nutrition on Turkey Performance

16:30 – 16:50  El-Samannoudy, S. I., H.I. Abass, N.S. El-Toukhy, and S.Y. Saleh (Egypt)
Comparative studies of some natural and commercial feed additives to improve reproductive performance of turkey toms

16:50 – 17:10  Saleh, S., Y., N. S. El-Toukhy, H. I. Abass, S. I. El-Samannoudy, M. A. Tony, and A. M. Hassanin (Egypt)
Physiological panel of some feed additives for turkey toms

17:10 – 17:30  Latorre, J. D., M. F. A. Baxter, L. R. Bielke, G. Tellez, and B. M. Hargis (USA)
Current intestinal health models used in Broilers and adapting them for turkeys

17:30 – 17:50  Meyer, H. (Germany)
Effects of insect larvae on feather pecking and cannibalism of non-beak trimmed male turkeys

17:50 – 18:10  Shivaprasad, H. L., M. Crispo, S. Stoute, and J. Ochoa (USA)
Unusual lesions of E. coli including attaching effacing E. coli in turkeys.

18:10 – 18:30  Moawad, A., H. Hotzel, H. El-Adawy, H. Neubauer, and H. M. Hafez (Germany, Egypt)
Prevalence and antibiotic resistance of Escherichia coli isolated from healthy turkey farms in northern Egypt

Discover Berlin by yourself
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<td>8:30 - 9:00</td>
<td>Saif, Y.M. (USA)</td>
<td>Reflections on turkey health issues</td>
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<td>9:00 - 9:20</td>
<td>Rautenschlein, S., and R. Lindenwald (Germany)</td>
<td>The turkey is not a big chicken: Insight into the immune system of the turkey</td>
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<td>9:40 - 10:00</td>
<td>El-Adawy, H., H. Hotzel, H. Neubauer, and</td>
<td>H.M. Hafez (Germany) Gallibacterium spp.: Emerging pathogens in turkey flocks with multiple drug-resistance</td>
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<td>10:00 -10:20</td>
<td>Erfan, A.M., Jihan M. Badr, and M.H. Abd-Elhaliem</td>
<td>Bacteriological and molecular characterization of Bordetella avium isolated from turkey flocks</td>
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<td>10:20 -10:40</td>
<td>Brüggemann-Schwarze, S., and H.M. Hafez (Germany)</td>
<td>Monitoring of Salmonella infections in turkey flocks in Germany between 2005 and 2017</td>
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<td>10:40 - 11:10</td>
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<td>11:10 - 11:30</td>
<td>Kabir, H., R. Karim, M. Ershaduzzaman, Giasuddin,</td>
<td>Isolation and molecular detection of antimicrobial resistant Salmonella and E. coli from turkey in Bangladesh</td>
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11:30 - 11:50  El-Adawy, H., H. Hotzel, A. A. Moawad, H. Neubauer, and H.M. Hafez (Germany)
Antimicrobial resistance of zoonotic pathogens in turkeys

11:50 - 12:10  Shivaprasad, H. L., M. Crispo, J. Ochoa, and S. Stoute (USA)
Streptococcus gallolyticus infection in turkeys - an emerging disease

12:10 - 12:30  Fadly, A. (USA)
Reticuloendotheliosis virus infection of turkeys: A Review

12:30 - 14:00  Lunch Break

14:00 - 14:20  Hauck, R., J. Mays, J. Dunn, and H.L. Shivaprasad (USA)
Marek’s disease in a bourbon red turkey

14:20 - 14:40  Payne, J., K. Cupo, E. Chadwick, and R.B. Beckstead (USA)
Factors that influence direct infection and lateral transmission of blackhead disease in the turkey

14:40 - 15:00  Kidane, F.A., P. Wernsdorf, T. Mitra, M. Hess, and D. Liebhart (Austria)
Modulation of the cellular immune response against attenuated and virulent Histomonas meleagridis in turkeys by the signature cytokines interferon gamma and interleukin 13
Friday, 1st June 2018

15:00 - 15:20 Sulejmanovic, T., V. Turblin, B. Jaskulska, I., Bilic, and M. Hess (Austeria)
Detection of Histomonas meleagridis DNA in dust samples from turkey houses of clinically non-affected birds

Could a metaphylactic treatment with paromomycin given at the start of an histomonosis outbreak in turkeys save a flock?

15:40 - 16:00 Lauterbach, L., J. Helmich, and R Günther (Germany)
Observations on the effect of paromomycin for treatment of histomoniasis in turkeys: A case report

16:00 - 16:30 Coffee Break

16:30 - 16:50 Bielke, L.R. (USA)
Evaluation of faecal shedding of Eimeria in chickens and turkeys as a parameter of effectiveness for therapeutic and prophylactic interventions

16:50 - 17:20 Keen, K.G., and R.B. Beckstead (USA)
Cochlosoma anatis: Prevalence in healthy and diseased turkey flocks

17:20 - 17:40 Shivaprasad H.L., N. Mishra, M. Crispo, G. Ochoa, S. Stoute, C., and J. Smyth (USA)
Necrotic enteritis and toxin analysis of C. perfringens isolated from turkeys in California

17:40 - 18:00 Kaboudi, K., A. Amara, R. Ben Salah, and M. Chaker (Tunisia)
Morphometric and pathological study of the Round Heart Disease (RHD) in turkey in Tunisia

20:00 Symposium Dinner
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<td>Günther, R., L. Lauterbach, T. Janssen, M. Erhard, H.-J. Lin, and M. Meixner (Germany)</td>
<td>Epidemiological investigations on the occurrence, distribution and resistance pattern of <em>Ornithobacterium rhinotracheale</em> in meat turkey flocks</td>
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<td>9:20 - 09:40</td>
<td>Hafez, H.M. (Germany)</td>
<td>Chlamydia infections in turkeys</td>
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<td>9:40 - 10:00</td>
<td>Shivaprasad, H. L., M. Crispo, J. Ochoa S. Stoute, and M. Franca (USA)</td>
<td>Study of Myocarditis associated with Reovirus in Turkeys</td>
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<td>10:00 - 10:20</td>
<td>Umar, S., M. Delverdier, M. Delpont, S.F.Z. Belkasmi, A. Teillaud, C. Bleuart, I. Pardo, M. EL Houadfi, J.-L. Guérin, and M.F. Ducatez (Turkey, France and Morocco)</td>
<td>Co-infection of turkeys with E. coli (O78) and H6N1 avian influenza virus</td>
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<td>10:20 - 10:40</td>
<td>Scheibner, D., J. Veits, T. C. Mettenleiter, and E. M. Abdelwhab (Germany)</td>
<td>Virulence of recent German avian influenza H7N7 viruses in turkeys, chickens and ducks</td>
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<td>10:40 - 11:00</td>
<td>Moharam, I., M. Gebauer, S.-E. Behrens, H. Hennemann und C. Grund (Germany)</td>
<td>Increased pathology of subtype H9 Avian Influenza virus after aerosol infection of turkeys</td>
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<td>11:30 - 11:50</td>
<td>Rawi, T., M. El Houadfi, S. Nassik, S. Fellahi, S. Lemiere, A. Leplat, and A. Delvecchio (Morocco, France)</td>
<td>AIV H9 - Field experience with vaccination in turkeys in Morocco</td>
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11:50 – 12:10  Mailyan, E. S. (Russia)
Modern approaches to biosecurity in commercial turkey production

12:10 – 12:30  Günther, R, L. Lauterbach, S. Brunk, and C. Visscher (Germany)
Unusual rickets in young turkeys: A case report

12:30 – 13:00  Hafez, H.M. (Germany)
Summary and Conclusions