



WVEPAH

World Veterinary Education in Production Animal Health



in Collaboration with

Freie Universität



Berlin



**WVEPAH Turkey “Specialized”
Module 1
Berlin, Germany, 17 – 22 October 2016**

Course Program

Course Masters: Dr. Helen Wojcinski (CA) (group leader & moderator), Prof. Dr. Mohamed Hafez (DE), Dr. Steven Clark (US), Dr. Eric Gonder (US)

Specialty Labs : Dr. Juan Carlos Lopez (CA), Dr. Peter Behr (DE), Dr. Martin Liman (DE)

Monday, 17 October 2016

08:00 – 09:00	Registration, CMs introduction and students introduction	
09:00 – 10:00	Global turkey production	Hafez
10:00 – 10:20	Coffee Break	
10:20 – 12:00	Primary turkey breeding	Wojcinski
12:00 – 13:30	Lunch Break	
13:30 – 14:15	Commercial production systems: Europe	Hafez
14:15 – 15:15	Commercial production systems: US performance, how turkey veterinarians operate	Gonder
15:15 – 15:30	Coffee Break	
15:30 – 16:30	USA animal health association (USAHA) annual health survey	Clark
16:30 – 17:30	Student presentations on turkey production in their geographic region	

Tuesday, 18 October 2016 – Hatchery and Early Brooding (days 1-10) Conditions

08:00 – 10:00	<u>Non-infectious hatchery related:</u> dehydration, leg conditions, servicing (beak/toe trimming, injection, injury, transportation)	Gonder
10:00 – 10:20	Coffee Break	
10:20 – 12:00	Infectious hatchery/breeder source related: omphalitis (E. coli), brooder pneumonia (Aspergillus, Staphylococcus), joint infections (Staphylococcus, Pseudomonas)	Hafez
12:00 – 13:30	Lunch Break	
13:30 – 14:15	Salmonella	Wojcinski
14:15 – 14:45	Avian encephalomyelitis, mycotic encephalitis	Gonder
14:45 – 15:30	Roundheart	Wojcinski
15:30 – 15:45	Coffee Break	
15:45 – 17:30	Egg break out and fertility determination, analysis of hatchery debris. Poults (0-10 days) common conditions	Lopez

Wednesday, 19 October 2016 – Grow-out Diseases

08:00 – 09:30	Histomoniasis (blackhead)	Hafez/Clark
09:30 – 10:15	Mycoplasma (MG, MS, MM, MI)	Hafez
10:15 – 10:35	Coffee Break	
10:35 – 12:00	Mycoplasma (MG, MS, MM, MI)	Hafez
12:00 – 13:30	Lunch Break	
13:30 – 14:30	Fowl cholera	Wojcinski
14:30 – 17:00	Necropsy laboratory (turkeys of all ages)	All the CMs



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Thursday, 20 October 2016 – Grow-out Diseases

08:00 – 10:00	Enteritis and environmental/feed factors/dysbacteriosis	Gonder
10:00 – 10:20	Coffee Break	
10:20 – 12:00	Viral enteritis: PEMS, SMT	Clark
12:00 – 13:30	Lunch Break	
13:30 – 15:15	Coccidiosis and flagellated protozoa	Clark
15:15 – 15:35	Coffee Break	
15:35 – 17:30	General Diagnostics Wet Lab: Serology; Response to vaccination and field challenges; Virology and specialty molecular diagnostics	Behr, Liman

Friday, 21 October 2016 – Grow-out Diseases

08:00 – 09:00	Environmental factors – non infectious respiratory	Wojcinski
09:00 – 10:00	E. coli	Wojcinski
10:00 – 10:15	Coffee Break	
10:15 – 12:00	Bacterial: Erysipelas, Clostridial Dermatitis (Cellulitis)	Clark
12:00 – 13:30	Lunch Break	
13:30 – 15:30	Avian influenza, Newcastle disease, turkey rhinotracheitis	Wojcinski
15:30 – 15:45	Coffee Break	
15:45 – 17:00	ORT / Bordetella	Wojcinski

Saturday, 22 October 2016 – Grow-out Diseases

08:00 – 09:15	Hemorrhagic enteritis	Clark
09:15 – 10:15	Roundworms	Gonder
10:15 – 10:35	Coffee Break	
10:35 – 12:00	Necrotic enteritis	Clark
12:00 – 13:30	Lunch Break	
13:30 – 15:30	Leg Issues in Turkeys: Varia - Tibial dyschondroplasia, osteomyelitis, angular leg deformities, scoliosis, fractures, tendon avulsions	Clark, Gonder
15:30 – 15:45	Coffee Break	
15:45 – 16:30	Closing and certificate of attendance	

- The program may be subject to minor changes -