

**Calendar of the teaching program “Avian Virology”  
PhD course “Animal Health and Zoonoses  
Dr. Irit Davidson - Kimron Veterinary Institute (Israel)  
Lecture hall of the Infectious Diseases Unit**

<b>Topic</b>	<b>Date and time</b>
1. Feathers, viruses and vaccines.	09.01.2019 (h 14.00)
2. Monitoring the uptake of live avian vaccines by their detection in feathers.	
3. Evaluation of viral-induced stress by quantitating corticosterone in the feathers of experimentally virus-infected SPF chicks.	10.01.2019 (h 14.00)
4. MDV and CAV and in between	16.01.2019 (h 14.00)
5. Viral induced immunosuppression 6. The impact of immunosuppressive viruses (MDV & CAV) on the respiratory diseases (AI, ND & IB) and on the vaccination efficacy against ND and IB	17.01.2019 (h 14.00)
7. Laboratory Diagnosis of Veterinary pathogens	23.01.2019 (h 14.00)
8. The added value of immunoblotting for the understanding of virus immunogenicity; Lessons from studies on Marek's disease virus (MDV) and reticuloendotheliosis virus (REV)	
9. Development of molecular DIVA assays.	24.01.2019 (h 14.00)
10. MDV+CAV-multiplex and quantitative rtPCR	
11. Creation of diversity in the animal virus world by Inter-species and Intra-species recombinations: lessons learned from poultry viruses.	30.01.2019 (h 14.00)
12. Molecular interactions of avian viruses in multiple virus infections	31.01.2019 (h 14.00)
13. AIV infection of poultry in Israel	06.02.2019 (h 14.00)
13. Dynamic phylogeny of AIV, subgroup H9N2 in Israel & cross-clade protection in experimental	06.02.2019

vaccination-challenge trials.	
14. Flaviviruses with Veterinary Importance.	07.02.2019 (h 14.00)
15. A new look at avian flaviviruses	
16. Some clues to the enigmatic pathogenicity of the herpesvirus ILTV	