

The New Era of Uveitis: Embracing Modern Technology

Course organizers

Chairperson: Vishali Gupta, MD

Course Coordinators: Rupesh Vijay Agrawal, MD, FRCS, MMed, Esen K. Akpek, MD, David S. Chu, MD, Phoebe Lin, MD, PhD, Careen Y. Lowder, MD, PhD, Quan Dong Nguyen, MD MSc, FARVO and Carlos E. Pavesio, FRCOphth, MD

From conventional labs to omics: What has changed in the diagnosis of uveitis?

Moderators: Esen K. Akpek, MD and Phoebe Lin, MD, PhD

8am – 10am

This session will highlight the significant advancements in diagnostics, which have evolved from a few basic laboratory tests to cutting-edge 'omics' technologies.

Presentations		
8:00 AM	Welcome and introduction to the course	Vishali Gupta, MD
8:05 AM	Conventional Lab testing in Uveitis	Jennifer E. Thorne, MD, PhD
8:20 AM	Networks based multi-omics	Thuy Doan, MD, PhD
8:35 AM	Advanced techniques to identify novel microbes	Russell N. Van Gelder, MD, PhD, FARVO
8:50 AM	Microbiome implications in uveitis	Phoebe Lin, MD, PhD
Case study		
9:05 AM	Case illustrating diagnostics/ advanced molecular diagnostics	Esen K. Akpek, MD
Debates: Personalized medicine vs. Bayesian analysis		
<i>Bayesian Breakthrough: Can it Guide patient treatment in Uveitis?</i>		
9:15 AM	Yes. Bayesian analysis can guide patient treatments in uveitis.	Marc ' D de Smet, MD CM PhD FRCSC, FARVO

9:25 AM	No. I don't follow statistical models to treat my patients.	Speaker pending
9:35 AM	Voting & Concluding Remarks	Esen K. Akpek, MD
<i>Personalized Medicine: Innovation or Passing Trend?</i>		
9:40 AM	Personalized Medicine is innovation in healthcare	Arkasubhra Ghosh, PhD
9:50 AM	Personalized Medicine is just a passing trend	Lyndell L Lim, MBBS, DMedSci, FARVO
10:00 AM	Voting & Concluding Remarks	Rupesh Vijay Agrawal, MD, FRCS, MMed