

8TH ANNUAL DUKE FELLOWS ADVANCED VITREOUS SURGERY COURSE



Duke Eye Center



MAY 20-21, 2022

DUKE EYE CENTER • DURHAM, NC

**LEJLA VAJZOVIC, MD, FASRS
COURSE DIRECTOR**

COURSE CO-CHAIRS:

DILRAJ S. GREWAL, MD, FASRS; XI CHEN, MD, PhD; DURGA S. BORKAR, MD



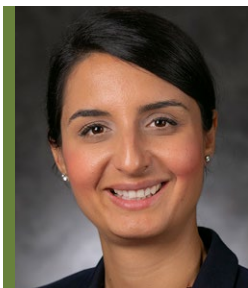
Dear Fellows, Residents, Guest Faculty, and Industry Partners,

On behalf of the entire Duke Eye Center Retina Faculty, we are pleased to welcome you to the 8th Annual Duke Fellows Advanced Vitreous Surgery (fAVS) Course at the Duke Eye Center.

The Duke fAVS Course occurs annually and is open to all North American vitreoretinal surgical, medical retina, and uveitis fellows, as well as a limited number of international fellows. New this year, we have invited a limited number of PGY-3 residents who are applying for retina fellowship. We are excited to continue the tradition of innovation and education and are excited to host world-renowned speakers. This year we have over 100 fellow and resident participants and an exceptional group of faculty. The course provides a unique blend of lectures, interactive panels, and hands-on experience.

We are excited that you could join us, and we hope that you will find this educational experience worthwhile.

Sincerely,



**Lejla Vajzovic,
MD, FASRS**
Course Director



**Dilraj S. Grewal,
MD, FASRS**
Course Co-Chair



Xi Chen, MD, PhD
Course Co-Chair



Durga S. Borkar, MD
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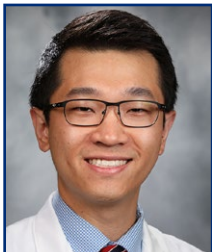
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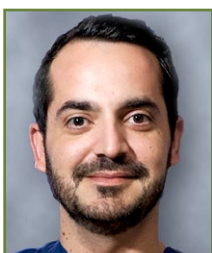
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6:45 AM	Shuttles from Durham Marriott to Duke Eye Center (Meet in Hotel Lobby)
7:00 – 7:50 AM	Registration and Breakfast Albert Eye Research Institute – Lachman Lobby (1st Floor)
7:00 AM – 5:10 PM	Exhibits
7:50 – 8:00 AM	Welcome Remarks Lejla Vajzovic, MD, FASRS
8:00 – 9:30 AM	SESSION 1: Emerging Pharmacotherapies
<i>Moderators:</i>	<i>Dilraj S. Grewal, MD, FASRS and Eleonora G. Lad, MD, PhD</i>
8:00 – 8:15 AM	Non-Neovascular AMD: Biomarkers, Complement and Clinical Trials Eleonora G. Lad, MD, PhD
8:15 – 8:35 AM	Neovascular AMD: Current Treatment Paradigms and Update on Emerging Treatments Priyatham S. Mettu, MD
8:35 – 8:50 AM	Diabetic Retinopathy: Update Michael J. Allingham, MD, PhD
9:05 – 9:20 AM	Uveitis: New and Emerging Therapies in 2022 Phoebe Lin, MD, PhD
9:20 – 9:30 AM	Ocular Oncology: Update Miguel A. Materin, MD
9:30 – 10:00 AM	SESSION 2: Updates in Retinal Imaging
<i>Moderators:</i>	<i>Majda Hadziahmetovic, MD and Miguel A. Materin, MD</i>
9:30 – 9:40 AM	Debate: OCT Angiography: The Real-World Experience

	Useful in Clinical Practice Amani A. Fawzi, MD
	More of a Research Tool Dilraj S. Grewal, MD, FASRS
9:40 – 9:50 AM	Debate: Artificial Intelligence in Retina: Will it Change the Way we Practice?
	Yes (no ifs, ands, or buts) Yannek I. Leiderman, MD, PhD
	Yes, but... Szilárd Kiss, MD
9:50 – 10:00 AM	Debate: Teleophthalmology and Remote Diagnosis in Retina: Will Teleretina Revolutionize Retinal Care?
	Yes Majda Hadziahmetovic, MD
	No Ivana K. Kim, MD
10:00 – 10:21 AM	Corporate Presentations
10:00 – 10:10 AM	Alcon Vision, LLC
10:10 – 10:13 AM	EyePoint Pharmaceuticals
10:13 – 10:16 AM	Genentech, Inc.
10:16 – 10:18 AM	Digital Ophthalmic Society
10:18 – 10:21 AM	Allergan, an AbbVie Company
10:21 – 10:40 AM	Break
10:40 – 11:05 AM	SESSION 3: Genetic Disorders, Gene and Stem Cell Therapies, and Clinical Trials
<i>Moderators:</i>	<i>Durga S. Borkar, MD and Alessandro Iannaccone, MD, MS, FARVO</i>

10:40 – 10:55 AM	Inherited Retinal Degenerations: What Every Fellow Should Know Alessandro Iannaccone, MD, MS, FARVO	1:00 – 1:10 PM	Crazy PVR Surgery Amani A. Fawzi, MD
10:55 – 11:05 AM	Inherited Retinal Degenerations: Clinical Trial Updates 2022 Szilárd Kiss, MD	1:10 – 1:20 PM	Crazy Diabetic Vitrectomy Xi Chen, MD, PhD
11:05 AM – 12:05 PM	Medical Retina Case Panel: How do You Envision Medical Retina Practice to Change in Five Years? How will treatment of NNVAMD to IRDs change?	1:20 – 1:30 PM	Crazy Intraocular Foreign Body Removal Phoebe Lin, MD, PhD
<i>Moderators:</i>	Michael J. Allingham, MD, PhD Dilraj S. Grewal, MD, FASRS Priyatham S. Mettu, MD	1:30 – 1:40 PM	Crazy Subluxed and Dislocated IOL Surgery Dilraj S. Grewal, MD, FASRS
<i>Panelists:</i>	Carl C. Awh, MD, FASRS Amani A. Fawzi, MD Jorge A. Fortun, MD Majda Hadziahmetovic, MD Alessandro Iannaccone, MD, MS, FARVO Ivana K. Kim, MD Szilárd Kiss, MD Eleonora M. Lad, MD, PhD Yannek I. Leiderman, MD, PhD Phoebe Lin, MD, PhD Ramiro S. Maldonado, MD Stefanie G. Schuman, MD	1:40 – 1:50 PM	Crazy Pathologic Myopia Management Jorge A. Fortun, MD
12:05 – 1:00 PM	Lunch	1:50 – 2:00 PM	Planning for the Unplanned: How to Deal with your Worse Surgical Nightmare Yannek I. Leiderman, MD, PhD
1:00 – 2:00 PM	SESSION 4: Crazy Complicated Surgical Retina: My Approach	2:00 – 3:00 PM	VR Surgical Rounds Unleashed Panel
<i>Moderators:</i>	Sharon Fekrat, MD, FASRS and Cynthia A. Toth, MD	<i>Moderators:</i>	Xi Chen, MD, PhD and Cynthia A. Toth, MD
		<i>Panelists:</i>	Carl C. Awh, MD, FASRS Amani A. Fawzi, MD Sharon Fekrat, MD, FASRS Jorge A. Fortun, MD Glenn J. Jaffe, MD Ivana K. Kim, MD Szilárd Kiss, MD Yannek I. Leiderman, MD, PhD Phoebe Lin, MD, PhD Lejla Vajzovic, MD, FASRS
		3:00 – 3:14 PM	Corporate Presentations
		3:00 – 3:03 PM	Bausch + Lomb
		3:03 – 3:06 PM	DORC/Dutch Ophthalmic USA
		3:06 – 3:08 PM	MedOne Surgical, Inc.
		3:08 – 3:10 PM	Notal Vision
		3:10 – 3:12 PM	OCULUS Surgical, Inc.

3:12 – 3:14 PM	Alimera Sciences, Inc.	5:00 – 5:10 PM	Wrap Up
3:14 – 3:40 PM	Break	5:10 – 6:00 PM	Tour of Duke University Chapel
3:40 – 4:00 PM	SESSION 5: Real-World Retina: Job Search and Contract Negotiations	6:00 PM	Shuttles from Duke University Chapel to Durham Marriott
<i>Moderators:</i>	<i>Sharon Fekrat, MD, FASRS and Dilraj S. Grewal, MD, FASRS</i>	6:45 PM	Meet in Durham Marriott Lobby to walk to Urban Axes
3:40 – 3:50 PM	What to Look for in an Academic Job and How to Get It Amani A. Fawzi, MD	7:00 PM	Dinner at Urban Axes
3:50 – 4:00 PM	Establishing Collaborations with Industry Carl C. Awh, MD, FASRS		
4:00 – 5:00 PM	The Great Job Search Panel		
<i>Moderators:</i>	<i>Sharon Fekrat, MD, FASRS Glenn J. Jaffe, MD Eric A. Postel, MD</i>		
<i>Panelists:</i>	<i>Carl C. Awh, MD, FASRS Durga S. Borkar, MD Xi Chen, MD, PhD Amani A. Fawzi, MD Jorge A. Fortun, MD Ivana K. Kim, MD Szilárd Kiss, MD Yannek I. Leiderman, MD, PhD Phoebe Lin, MD, PhD</i>		

6:45 AM	Shuttles from Durham Marriott to Duke Eye Center (Meet in Hotel Lobby)
7:00 – 8:00 AM	Registration and Breakfast Albert Eye Research Institute – Lachman Lobby (1st Floor)
8:00 – 8:15 AM	What's New in Surgical Retina 2022: Wet Lab Overview Lejla Vajzovic, MD, FASRS
8:15 AM – 12:00 PM	Faculty-Guided Wet Lab, Hands-on Stations All Course Faculty Hudson Eye Building (4th Floor) Participating Companies: Alcon Vision, LLC Allergan, an AbbVie Company Alimera Sciences, Inc. Bausch + Lomb BVI Medical Carl Zeiss Meditec, Inc. DORC/Dutch Ophthalmic USA EyePoint Pharmaceuticals Genentech, Inc. MedOne Surgical, Inc. Notal Vision OCULUS Surgical, Inc. REGENXBIO, Inc.
12:00 – 6:00 PM	Exhibits
12:00 – 1:28 PM	Lunch
1:28 – 1:40 PM	Corporate Presentations
1:28 – 1:31 PM	Castle Biosciences
1:31 – 1:33 PM	Iveric Bio
1:33 – 1:35 PM	Norlase
1:35 – 1:38 PM	Regeneron Pharmaceuticals, Inc.
1:38 – 1:40 PM	Retina Today/EyeTube

1:40 – 2:30 PM

Moderators:

1:40 – 1:50 PM

1:50 – 2:00 PM

2:00 – 2:10 PM

2:10 – 2:20 PM

2:20 – 2:30 PM

2:30 – 3:00 PM

Moderators:

Panelists:

3:00 – 3:30 PM

3:30 – 4:20 PM

Moderators:

3:30 – 3:40 PM

SESSION 6: Retinal Imaging and Data Analytics

Durga S. Borkar, MD and Sharon Fekrat, MD, FASRS

Novel Uses of Real-World Evidence

Durga S. Borkar, MD

Intraoperative 3D Visualization

Jorge A. Fortun, MD

Intraoperative OCT Imaging and Role in Gene-Therapy Delivery

Lejla Vajzovic, MD, FASRS

Artificial Intelligence in VR Surgery

Yannek I. Leiderman, MD

Genetic Testing and Interpretation in Retina

Ramiro S. Maldonado, MD

Pediatric Retina and Oncology Panel

Xi Chen, MD, PhD and Ivana K. Kim, MD

Miguel A. Materin, MD and Lejla Vajzovic, MD, FASRS

Break

SESSION 7: Life After Fellowship: Career Development, Practice Pearls, and Economics

Dilraj S. Grewal, MD, FASRS and Glenn J. Jaffe, MD

Life First Two and Five Years after Fellowship

Durga S. Borkar, MD and Xi Chen, MD, PhD

3:40 – 3:50 PM	What to Look for in a Private Practice Job and How to Get It: A View on Private Equity Carl C. Awh, MD, FASRS	6:00 PM	Program Adjourns
3:50 – 4:00 PM	How to Develop as a Physician Leader Szilárd Kiss, MD	6:15 PM	Shuttles from Duke Eye Center to Durham Marriott
4:00 – 4:10 PM	Financial Pearls for the Young Retina Physician Carl C. Awh, MD, FASRS	6:45 PM	Meeting Durham Marriott Lobby to walk to Geer Street Garden
4:10 – 4:20 PM	How to Navigate the World of Research Funding Phoebe Lin, MD, PhD	7:00 PM	Closing Dinner at Geer Street Garden
4:20 – 6:00 PM	SESSION 8: Classic Duke Retina Duke Vitreoretinal Rounds, Unleashed: Fellows' Surgical Videos		
<i>Moderators:</i>	<i>Durga S. Borkar, MD and Lejla Vajzovic, MD, FASRS</i>		
<i>Panelists:</i>	<i>Carl C. Awh, MD, FASRS</i> <i>Amani A. Fawzi, MD</i> <i>Sharon Fekrat, MD, FASRS</i> <i>Jorge A. Fortun, MD</i> <i>Dilraj S. Grewal, MD, FASRS</i> <i>Glenn J. Jaffe, MD</i> <i>Ivana K. Kim, MD</i> <i>Szilárd Kiss, MD</i> <i>Yannek I. Leiderman, MD, PhD</i> <i>Phoebe Lin, MD, PhD</i>		
<i>Surgical Videos:</i>	<i>Ishrat Ahmed, MD, PhD</i> <i>Tedi Begaj, MD</i> <i>Samuel D. Hobbs, MD</i> <i>Grant Justin, MD</i> <i>Michael A. Simmons, MD</i> <i>Delu Song, MD</i>		



**Duke Eye Center acknowledges generous contributions
from the following companies:**

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Alcon Vision, LLC

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Allergan, an AbbVie Company
Bausch + Lomb
Castle Biosciences
DORC/Dutch Ophthalmic USA
EyePoint Pharmaceuticals
Genentech, Inc.
Regeneron Pharmaceuticals, Inc.

SILVER

Alimera Sciences, Inc.
Iveric Bio
MedOne Surgical, Inc.
Norlase
Notal Vision
OCULUS Surgical, Inc.

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MEDIA PARTNER

Retina Today/EyeTube

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and in-kind support from:**

Alcon Vision, LLC
Carl Zeiss Meditec, Inc.

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