

**HYATT REGENCY BARCELONA TOWER**  
**September 5, 2024**  
**PROGRAM AGENDA**

SESSION I: Accommodation Mechanisms and Measurement		Moderator: Susana Marcos, PhD
8:30 – 8:35 AM	Introduction	Dan Neal, PhD
8:35 – 8:50 AM	Quantifying the Ciliary Muscle in Accommodation and Aging	Marco Ruggeri, PhD
8:50 – 9:00 AM	The Role of the Zonulae on Accommodation	Derek Nankivil, PhD
9:00 – 9:10 AM	Quantifying the Crystalline Lens: Insights from Structure, Optics and Biomechanics	Susana Marcos, PhD
9:10 – 9:20 AM	Magnetic Resonance Imaging of the Human Lens: New insights into the physiological basis of accommodation and presbyopia	Paul Donaldson, PhD
9:20 – 9:30 AM	Aberrometry-based Assessment of Dynamic Accommodation	Dan Neal, PhD
9:30 – 9:40 AM	Exhaustive Characterization of Intraocular Lenses at your Fingertips	Luc Joannes, PhD
SESSION II: What's New in Blended Monovision?		Satish Herekar, MS
9:40 – 9:50 AM	Prescribing Monovision: A Change in Paradigm	Kendall E. Donaldson, MD
9:50 – 10:00 AM	Presbyond: Presbyopia Correction in the Absence of Cataract	Andrea Russo, MD, PhD
10:00 – 10:10 AM	The Duesseldorf Formula - Blended Vision With An EDOF IOL	Detlev Breyer, MD
10:10 – 10:25 AM	Debate: Blended Vision vs. Traditional Cataract Surgery, Weighing the Evidence for First-Line Use	
10:25 – 10:45 AM	Coffee Break	
SESSION III: Innovative Approaches		Dan Neal, PhD
10:45 – 10:55 AM	LIRIC Manufactured Lenses	Wayne Knox, PhD
10:55 – 11:05 AM	Towards Biological Corneal Inlays for Presbyopia: Overview Presentation on the Different Technologies	Michael Mrochen, PhD
11:05 – 11:15 AM	Clinical Validation of Corneal Reshaping by Allograft Inlays	Aylin Kilic, MD
11:15 – 11:25 AM	The Future of Smart Contact Lenses	Enrique Vega, MBA

11:25 – 11:35 AM	Artiplus Phakic IOL	Paolo Soleri, PhD
11:35 – 11:45 AM	Combined Approach with EDOF lenses – Visual Performance and Patient Preference with AT LARA and AT LISA tri	Jonathan Moore, MD
11:45 – 11:55 AM	Introduction of a Next Generation Presbyopia Correcting IOL	Henk Weeber, PhD
11:55 – 1:15 PM	Group Luncheon and Networking	Location: Azimut Restaurant
<b>SESSION IV: Educating the Patient on Presbyopia Alternatives</b>		<b>Satish Herekar, MS</b>
1:15 – 1:25 PM	How Do I Explain and Choose: Laser vs. IOL Surgery	Victor Derhartunian, MD
1:25 – 1:35 PM	Helping Patients and Doctors to Understand Symptoms	Scott McRae, MD
1:35 – 1:45 PM	Educating Through Scientific Evidence	Joaquin Fernandez, MD, PhD
1:45 – 1:55 PM	Seeing is Believing: An Interactive Session with SimVisGekko	Roger Zaldivar, MD
1:55 – 2:05 PM	A Patient-centric Practice	Amanda Carones, MPH
<b>SESSION V: EDOF IOLs</b>		<b>Susana Marcos, PhD</b>
2:05 – 2:15 PM	Clinical Trial Results for the Viva Toric EDOF ICL	Robert Ang, MD
2:15 – 2:25 PM	EDOF and Multifocal IOLs: Data from Pre-market FDA Approval	Julie Schallhorn, MD
2:25 – 2:35 PM	New Developments on Isofocal Technology	Christof Pagnoule, PhD
2:35 – 2:45 PM	Small Aperture Lenses in the Normal and Highly Aberrated Eye	Karl Stonecipher, MD
2:45 – 2:55 PM	Refractive EDOF IOLs and the Effect of Defocus on Dysphotopsias	Aixa Alarcon, PhD
2:55 – 3:05 PM	Bilateral Implantation of an Extended Depth of Focus Intraocular Lens in Eyes with Early and Moderate Glaucoma	Mercede Guarro, MD
3:05 – 3:25 PM	Coffee Break	
<b>SESSION VI: Accommodating IOLs</b>		<b>Keith Holliday, PhD</b>
3:25 – 3:35 PM	Design Ex Situ and In Vivo Results of the Jellissee Accommodation IOL	Jim Ellis, MD
3:35 – 3:45 PM	Solving the Problem of Presbyopia with the Adaptlens Biomimetic Accommodating IOL	Liane Clamen, MD
3:45 – 3:55 PM	Long-term Performance of a Dual-optic Presbyopia-correcting Lens for Cataract Surgery	Fritz Hengerer, MD
3:55 – 4:03 PM	First Results from the Lumina Presbyopia Correcting Intraocular Lens Study in the Netherlands and Germany	Stefan Coppens, MD

4:03 – 4:11 PM	Accurate Sulcus Measurement to Enable Lens Sizing for Presbyopia correcting IOLs	Timo Eppig, PhD
<b>SESSION VII: Managing Emmetropic Presbyopes and Accommodation Restoration</b>		<b>Ron Krueger, MD</b>
4:11 – 4:21 PM	Magnitude of the Problem/Market Size	Kazuno Negishi, MD
4:21 – 4:31 PM	Modelling the Influence of Pupil Diameter and Corneal Spherical Aberration on the Performance of Premiums IOLs	Damien Gatinel, MD, PhD
4:31 – 4:41 PM	Topical Therapies for the Treatment of Presbyopia	Marguerite McDonald, MD
4:41 – 4:51 PM	Pathogenesis of Presbyopia and Laser Scleral Microporation (LSM): A Biomechanical Rejuvenation Therapeutic for Restoring Dynamic Range of Focus (DRoF) in Progressive Presbyopia	AnnMarie Hipsley, DPT, PhD
4:51 – 5:06 PM	Laser Sclerociliary Translocation for the Correction of Presbyopia	Ivey Thornton, MD
5:06 – 5:21 PM	Lens and Scleral-based AR with Micro-Shock Waves	Ronald Krueger, MD
5:21 – 5:26 PM	Discussion/Wrap-up	Dan Neal, PhD
5:26 – 6:30 PM	Reception	