NEW HORIZONS FORUM

2013 Program

Speeding the development of new therapies and diagnostics for glaucoma patients

February 1, 2013

The Palace Hotel • San Francisco, CA

Presented by

GLAUCOMA RESEARCH FOUNDATION

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Welcome

We are pleased to welcome you to the 2nd Annual Glaucoma 360: New Horizons Forum. This catalyst meeting, established by the Glaucoma Research Foundation, highlights the large unmet medical needs that remain in the field of glaucoma and brings together the essential elements needed to advance the development of new ideas into clinical practice to prevent and manage the disease more effectively. Based on the overwhelming success of our inaugural meeting in February 2012, this annual forum will provide the ultimate opportunity for collaboration and networking needed to advance new concepts to reality for glaucoma patients.

Our meeting objectives today are to:

- Bring together nationally and internationally respected leaders in medicine, science, business, venture capital, and the FDA to present and discuss new and emerging ideas in the field of glaucoma therapy.
- Facilitate collaboration between these essential groups in order to accelerate the development and approval of the next generation of therapies and diagnostic devices.
- Broaden our understanding of glaucoma from various sectors engaged in research and development to advance new and effective options to help patients preserve their sight.

Of course today would not be possible without the generous and selfless contributions of so many: members of our Advisory Board and Program Committee who have all been actively involved with building an outstanding agenda; our generous sponsors who helped to underwrite this event; our speakers, presenters and panelists ready to share their expertise and unique perspectives; our attendees; the supportive Board of Directors and staff at the Glaucoma Research Foundation; and the helpful team at The Palace Hotel.

We are honored to have your involvement in this important endeavor to speed the development of new glaucoma drugs, devices and drug delivery systems. Please know that proceeds from Glaucoma 360 events will support the Glaucoma Research Foundation’s sight-saving endeavors to uncover new diagnostic and treatment options and ultimately find a cure for glaucoma. Together, we can truly make a difference in the lives of people with glaucoma.

Adrienne Graves, PhD
Co-Founder, Co-Chair
New Horizons Forum
Director, Glaucoma Research Foundation

Andrew G. Iwach, MD
Co-Founder, Co-Chair
New Horizons Forum
Board Chair, Glaucoma Research Foundation
## Program and Speakers

### 7:00 — 7:30 am  
**Breakfast and Exhibits**

### 7:30 — 7:40 am  
**Welcome and Opening Remarks**  
Adrienne Graves, PhD and Andrew G. Iwach, MD

### 7:40 — 8:00 am  
**Opening Keynote Address**  
Louis Cantor, MD, “State of Glaucoma Therapy 2013: Is 13 our lucky number?”  
Chairman and Professor of Ophthalmology, Indiana University

### 8:00 — 9:10 am  
**New Horizons in Glaucoma Devices**  
Assistant Professor, Faculty of Medicine, University of Toronto  
Participants:  
- AqueSys, Inc.—Ron Bache, President and CEO  
- Glaukos Corporation—Mike Neilon, MBA, VP, International  
- InnFocus, Inc.—Leonard Pinchuk, PhD, D.Sc., President and CEO  
- Ivantis, Inc.—Brett Trauthen, Chief Scientific Officer  
- Sensimed, AG—Jean-Marc Wismer, MSCE, MBA, CEO  
- Transcend Medical—Sean Ianchulev, MD, MPH, Chief Medical Officer

### 9:10 — 9:50 am  
**Industry Panel Discussion: Glaucoma Devices**  
Moderators: Alan S. Crandall, MD, Sr. Vice Chairman of Ophthalmology & Visual Sciences, John A. Moran Eye Center  
H. Dunbar Hoskins, Jr., MD, former EVP American Academy of Ophthalmology and Co-founder, Glaucoma Research Foundation  
Panelists:  
- Carl Zeiss Meditec, Ralf Kuschnereit, PhD, MBA, President and CEO  
- Abbott Medical Optics, Jane E. Rady, Divisional VP, Business Development  
- Alcon Laboratories, Inc., Greg Kunst, MBA, Global Marketing Director, Surgical Glaucoma  
- Lumenis Ltd., Kfir Azoulay, VP and General Manager, Ophthalmology Business Unit

### 9:50 — 10:15 am  
**Morning Break, Exhibits and Networking Opportunity**

### 10:15 — 10:35 am  
**Glaucoma Research Foundation Update**  
Introduction: Thomas M. Brunner, President and CEO, Glaucoma Research Foundation  
Speaker: Jeffrey Goldberg, MD, PhD, “Why Glaucoma Biomarkers?”  
Professor of Ophthalmology, Shiley Eye Center, University of California, San Diego

### 10:35 — 11:50 am  
**New Horizons in Glaucoma Drug Delivery**  
Moderators: Eugene de Juan, Jr., MD, Founder and Vice-Chairman, ForSight Labs  
Eliot Lazar, MD, President, eICON Medical  
Participants:  
- Amorphex Therapeutics LLC—Robert F. Thompson, President and CEO  
- Clearside Biomedical, Inc.—Daniel White, CEO and President  
- Euclid Systems Corporation—Dale P. DeVore, PhD, Chief Scientific Officer  
- Icon Bioscience, Inc.—William S. White, CEO and President  
- Liquidia Technologies, Inc.—Benjamin Yerxa, PhD, Chief Scientific Officer  
- Ocular Therapeutix, Inc.—Amar Sawhney, PhD, President and CEO  
- Mobius Therapeutics, LLC—Ed Timm, President and CEO

### 11:50 — 12:10 pm  
**Navigating New Horizons: Driving Discovery to Clinical Success**  
Interviewed by: Anthony P. Adamis, MD, VP, Global Head of Ophthalmology, Genentech, Inc.  
Emmett Cunningham, Jr., MD, PhD, MPH, Partner, Clarus Ventures

### 12:10 — 1 pm  
**Luncheon**
### Program and Speakers

#### 1:00 — 1:45 pm
**New Horizons in Glaucoma Pharmaceuticals (I)**

**Moderators:**
- Stuart B. Abelson, MBA, President and CEO, Ora, Inc.
- L. Jay Katz, MD, Director, Glaucoma Service, Wills Eye Institute

**Participants:**
- Acorn Biomedical, Inc.—**Alan J. Jacobs, MD, PhD**, President and CEO
- Ono Pharma USA, Inc.—**Douglas T. Ross, PhD**, Senior Director, Drug Development
- Quark Pharmaceuticals Inc.—**Daniel Zurr, PhD**, Chairman and CEO

**Q & A**

#### 1:45 — 2:30 pm
**New Horizons in Glaucoma Pharmaceuticals (II)—Out Flow Drugs**

**Moderators:**
- Gary D. Novack, PhD, “A Brief Historical Perspective and Opportunities”
  President, Pharmalogic Development, Inc.
- Barbara Wirostko, MD, “Real-life challenges in developing outflow drugs”
  Clinical Adjunct Associate Professor, Moran Eye Center

**Participants:**
- Amakem Therapeutics—**Jack Elands, PhD**, CEO
- Aerie Pharmaceuticals, Inc.—**Thomas J. van Haarlem, MD**, President and CEO
- Inotek Pharmaceuticals—**Paul G. Howes, President and CEO**

**Q & A**

#### 2:30 — 3:10 pm
**Industry Panel Discussion: Glaucoma Pharmaceuticals**

**Moderators:**
- Kuldev Singh, MD, MPH, Professor of Ophthalmology, Stanford University Medical Center
- K. Angela Macfarlane, JD, President and CEO, ForSight Labs

**Panelists:**
- Alcon Laboratories, Inc., **Robert Y. Kim, MD**, VP & Head, Pharmaceutical Product Development
- Allergan, Inc., **Rhett M. Schifman, MD, MS, MHSA**, VP of Global Drug Development and Therapeutic Area Head of Ophthalmology
- Bausch + Lomb, **Tracy M. Valorie BS, MBA**, Global Head of Glaucoma
- Genentech, Inc., **Phillip C. Lai, MD**, Associate Medical Director
- Merck & Co., Inc., **John W. Grunden, PharmD**, Regional Director of Medical Affairs

**3:10 — 3:35 pm**
**Afternoon Break, Exhibits and Networking Opportunity**

**3:35 — 4:15 pm**
**Advancing New Horizons: Focusing on Collaboration and Public Private Partnerships**

**Moderators:**
- M. Roy Wilson, MD, MS, Deputy Director, Strategic Scientific Planning and Program Coordination, National Institute on Minority Health and Health Disparities
- Anne L. Coleman, MD, PhD, Professor of Ophthalmology, Jules Stein Eye Institute

**Panelists:**
- Frank L. Douglas, PhD, MD, Advisory Council, National Center for Advancing Translational Sciences (NCATS)
- Debra R. Lappin, JD, President, Council for American Medical Innovation

**Q & A**

**4:15 — 4:45 pm**
**FDA: Getting to New Horizons**

**Moderators:**
- Paul Chaney, President and CEO, PanOptica, Inc.
- Eve Higginbotham, SM, MD, Visiting Scholar in Health Equity, Association of American Medical Colleges, Co-Founder and Director, ROI Squared LLC

**Panelists:**
- Wiley A. Chambers, MD, Deputy Director, (Transplant and Ophthalmology), Center for Drug Evaluation and Research, FDA
- Judy F. Gordon, DVM, Founder, ClinReg Consulting Services, Inc.
- Sean Ianchulev, MD, MPH, Chief Medical Officer, Transcend Medical

**Q & A**

**4:45 — 5:25 pm**
**Funding New Horizons: Venture Capital Panel Discussion**

**Moderator:**
- William J. Link, PhD, Managing Director, Versant Ventures

**Panelists:**
- Wende Hutton, General Partner, Canaan Partners
- Gil Kliman, MD, Managing Director, InterWest Partners
- J. Casey McGlynn, JD, Partner, Wilson Sonsini Goodrich & Rosati
- Anand Mehra, MD, Partner, Sofinnova Ventures

**Q & A**

**5:25 — 5:30 pm**
**Closing Remarks—Drs. Graves and Iwach**

**5:30 — 7:00 pm**
**Reception, Exhibits and Networking**
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Adrienne Graves, PhD
Independent Director:
Akorn, TearLab Corporation, Aerpio
Therapeutics, and Encore Vision, Inc.
Co-Founder and Co-Chair, Glaucoma 360
Board of Directors,
Glaucoma Research Foundation

Adrienne Graves, PhD is a visual scientist by training and a global industry leader in ophthalmology. From 2002 to 2010 Dr. Graves was President and CEO of Santen Inc., the US arm of Japan’s largest ophthalmic pharmaceutical company. She joined Santen in 1995 as VP of Clinical Affairs to initiate clinical development in the US, and was responsible for 3 NDA approvals. She was promoted to Sr. VP of Worldwide Clinical Affairs (Japan, US, and Europe), and was subsequently named a global Corporate Officer and CEO of US operations. Prior to joining Santen, Dr. Graves spent nine years with Alcon Laboratories, Inc. Dr. Graves currently serves as an Independent Director on the following corporate boards: Akorn, Inc., TearLab Corporation, Aerpio, and Encore Vision. She is also a Director on several Foundation Boards including American Society of Cataract and Refractive Surgery (ASCRS) Foundation, Glaucoma Research Foundation, American Academy of Ophthalmology (AAO) Foundation (Emeritus), and the Himalayan Cataract Project. She also serves on the Corporation Committee for the Brown University Medical School and the Advisory Board for Amach Capital Partners. Dr. Graves did her undergraduate studies at Brown University, her PhD work at the University of Michigan, and a postdoctoral fellowship in visual neuroscience at the University of Paris.

Dr. Hoskins is an internationally recognized glaucoma specialist and was the Executive Vice President of the American Academy of Ophthalmology from January 1, 1993 to March 31, 2009. He received an Academy Honor Award in 1979, a Senior Honor Award in 1989, and Distinguished Service Award in 1999.

He has held numerous positions in ophthalmology, medicine and business including: Founding Director of the American Glaucoma Society, founder and Director of the Foundation for Glaucoma Research, Secretary-Treasurer of the Pan American Association of Ophthalmology, and Chairman of the Advisory Committee to the International Council of Ophthalmology. He is a Clinical Professor of Ophthalmology at the University of California School of Medicine, San Francisco, where he did his Glaucoma Fellowship.

Dr. Hoskins received his medical degree at the Medical College of Virginia. He was certified by the American Board of Ophthalmology in 1970. He served as Chief of Ophthalmology at the Naval Hospital in Rhode Island in 1968.

Andrew G. Iwach, MD
Executive Director, Glaucoma Center of San Francisco and Executive Director, Glaucoma Research and Education Group
Co-Founder and Co-Chair, Glaucoma 360
Chair, Board of Directors,
Glaucoma Research Foundation

Dr. Iwach has been a member on the Board of Directors for the Glaucoma Research Foundation since 2000 and is currently serving as its Chair. He is Co-Founder of the Eye Surgery Center of San Francisco.

He currently serves as a scientific reviewer for many top professional publications, and in 2004 he received the Academy’s Senior Achievement Award and in 2012 the Academy’s Secretariat Award.

Dr. Iwach is an Associate Clinical Professor of Ophthalmology in the Department of Ophthalmology at the University of California San Francisco.

He is on the clinical faculty at California Pacific Medical Center. He teaches courses and lectures extensively on glaucoma.

Dr. Iwach is actively involved in clinical research, as well and his focus has included mitomycin-C use in filtering surgery, application of optical coherence tomography in glaucoma, selective laser trabeculoplasty, numerous drug trials and more.

He has published more than 40 peer-reviewed papers and book chapters.

Mr. Brunner joined Glaucoma Research Foundation in 2003 after a successful 30-year career in the ophthalmic laser business. He helped introduce major advances in eye care including laser photocoagulation to prevent vision loss from diabetic retinopathy, laser treatment of secondary cataracts, and laser treatment for glaucoma.

Since joining Glaucoma Research Foundation, Tom has helped to more than double revenue and focus on innovative research to understand how glaucoma steals sight and find a cure. He received a “Lifetime Achievement” award from the American Society for Laser Medicine and Surgery for his contributions and 25 years of service on their Board of Directors.

Tom actively supports development of new products to help those with glaucoma and other eye diseases as an advisor or board member for startup companies in the eye care field. Tom graduated from Lehigh University with a degree in electrical engineering and received an MBA from the University of Delaware.
THINKING OUTSIDE THE BOTTLE

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Opening Keynote Address

Louis Cantor, MD
Chairman and Professor of Ophthalmology,
Jay C. and Lucile L. Kahn Professor
of Glaucoma Research and Education,
Director of the Glaucoma Service,
Indiana University, Indianapolis

Dr. Cantor is the Jay C. and Lucile L. Kahn Professor and Chair of the Department of Ophthalmology, Eugene and Marilyn Glick Eye Institute at Indiana University School of Medicine.

Dr. Cantor is the author of 85 articles on all aspects of ophthalmology and has given more than 250 lectures and presentations worldwide on the diagnostic and medical and surgical aspects of glaucoma care. In addition, Dr. Cantor is an active member of numerous national eye organizations.

He completed his undergraduate and graduate medical education at Indiana University and was an ophthalmology resident at Indiana University, graduating in 1984. In 1985, he completed his glaucoma fellowship at Wills Eye Hospital in Philadelphia under the direction of George L. Spaeth, MD.

Presenting Companies

Ron Bache
President and Chief Executive Officer,
AqueSys, Inc.

Mr. Bache has 18 years of experience in the pharmaceutical and medical device industry, joining AqueSys in January 2009. AqueSys is a venture capital-backed medical device company, focused on the development and commercialization of innovative implantable devices for the treatment of glaucoma.

Prior to joining AqueSys, Mr. Bache was a Global Vice President at Advanced Medical Optics. Prior to AMO, Mr. Bache held positions at Phillip Morris, Johnson & Johnson, Novartis, and Allergan.

Mr. Bache has led the development and introduction of multiple first-of-a-kinds market changing medical technologies, and has been responsible for global businesses generating hundreds of millions of dollars annually.

He earned his BS in Business Administration from the University of Southern California, and has completed executive education programs at Stanford and Harvard Business School.

Dale P. DeVore, PhD
Chief Scientific Officer,
Euclid Systems Corporation

Prior to joining Euclid Systems Corporation, Mr. DeVore, served as VP of Research and Development at BioForm Medical, Inc.

Dr. DeVore is a well-known independent consultant to the medical device and tissue engineering industry. He is considered one of the experts in the development and medical application of biomaterials and is inventor or co-inventor on more than 75 issued and pending patents and has authored/ co-authored more than 60 articles in the field. He is a member of scientific advisory boards and has received more than 12 NIH and SBIR grants.

Dr. DeVore holds a BS, an MS. and a PhD in Biochemistry from Rutgers University.

Jack Elands, PhD
Chief Executive Officer,
Amakem Therapeutics

Dr. Elands has been the Chief Executive Officer of Amakem since its inception in 2010. Previous to this role, Dr. Elands served as the CBO of Silicos, an informatics platform based biotechnology company, as the Chief Executive Officer of Vitec, a specialty biochemical company focused on antimicrobial surface chemistries and products, and as the VP of Business Development at Sidec AB, a Swedish company focused on the discovery and development of protein based drugs. Dr. Elands started his pharmaceutical career at Marion Merrell Dow (later HMR, now Sanofi-Aventis).

He has published extensively in papers and posters on topics ranging from biomolecular screening to protein tomography to life science informatics to functional genomics, and has contributed to several patents.

Dr. Elands received his undergraduate in medical biology from University of Utrecht in 1985. He was awarded his doctorate in Neuropharmacology from the Rudolf Magnus Institute at University of Utrecht in 1989.
Mr. Howes joined Inotek—the leader in the development of innovative ophthalmic products—in September of 2008 as the President and Chief Executive Officer. The company’s lead candidate, trabodenoson, is a novel-mechanism, first-in-class eye drop for glaucoma currently in Phase 2 clinical studies. Mr. Howes brings over 20 years of commercial strategy, product development, and sales and marketing experience to Inotek with a recent focus in the field of ophthalmology.

Prior to joining Inotek, Mr. Howes was President of the Americas Region for Bausch + Lomb with leadership responsibility for the United States, Canada, Latin America and South America across Bausch + Lomb’s Vision Care, Surgical and Pharmaceuticals business segments.

Prior to joining Bausch + Lomb in 2003, Mr. Howes spent the previous 16 years at Merck & Co. Inc. Mr. Howes is a graduate of Harvard College and earned his MBA from York University in Toronto, Canada.

Dr. Jacobs has been the President, Chief Executive Officer, and a Co-Founder of Acorn Biomedical, Inc. He has more than 10 years of experience in drug and biologic product development.

Prior to joining Acorn Biomedical, he was the Chief Medical Officer and Vice President of Clinical Research at Stem Cells, Inc. Dr. Jacobs has held prior management positions in clinical development at Titan Pharmaceuticals (including a joint development program with Schering AG), Layton Bioscience, and Elan Pharmaceuticals.

During his tenure at these companies, he led several products through the IND-enabling process and conducted first-in-human and phase 2 clinical trials of new biologic entities and a novel drug/device combination product.

Dr. Jacobs earned his BS degree in Electrical Engineering from Cornell, his MS degree in Electrical Engineering from Stanford, and his MD and PhD degrees from the University of Pennsylvania.

Dr. Ianchulev is the Chief Medical Officer of Transcend Medical, a venture-backed medical device company developing novel micro-stent technology for the treatment of glaucoma. He is also a venture partner at Tullis Health Investors—a life-science venture firm with a 20-year history of successful private equity investment in healthcare.

Previously, Dr. Ianchulev was the group director for the ophthalmology division at Genentech. He led clinical development and medical affairs activities and was instrumental in the launch of Lucentis, a multi-billion dollar bio-therapeutic for the treatment of age-related macular degeneration.

Dr. Ianchulev received his medical degree and a master’s of public health from Harvard University and completed his specialty training at the Doheny Eye Institute, University of Southern California.

As an inventor, he is a holder of issued and pending patents and his research has been extensively referenced in more than 700 peer-reviewed publications.

Mr. Neilon has been the VP, International Markets at Glaukos Corporation since April, 2012. Glaukos is dedicated to the research and development of advanced micro-technologies to improve glaucoma therapy.

Prior to joining Glaukos, Mr. Neilon was President of Japan for Allergan Inc., leading the company’s start-up operations, early BOTOX commercialization efforts and facial portfolio registrations.

Previously, Mr. Neilon was President of Japan for Advanced Medical Optics (AMO), leading the VISX and IntraLase business integrations in Japan and the first ever patient shared billing for a medical device (Multifocal IOL). Through a variety of roles, Mr. Neilon was instrumental in establishing, building and expanding the surgical business in Asia and the Americas during his 20+ year career with Allergan/AMO.

Mr. Neilon holds a Bachelor of Science in Biology from the University of Southern California and an MBA with Honors from the University of California, Irvine.
Dr. Pinchuk is a world renowned expert in the field of biomaterials and medical devices with approximately 100 U.S. patents. His accomplishments include the invention of the modern-day angioplasty balloon, the InnFocus MicroShunt™ for the treatment of glaucoma, and the next generation intraocular lens material.

He began his career at Cordis Corporation in 1983 and left to co-found Corvita Corporation in 1987 which pioneered the field of stent-grafts.

Dr. Pinchuk founded Innovia LLC in 2002, which spun off InnFocus in 2004. He currently serves as president and Chief Executive Officer of InnFocus and also enjoys an appointment as Distinguished Research Professor of Biomedical Engineering at the University of Miami.

Dr. Pinchuk received a B.Sc. in chemistry from McGill University in 1976, a PhD interdisciplinary in Engineering and Chemistry from the University of Miami in 1984 and an honorary Doctor of Science degree from McGill University in 2005.

Dr. Pinchuk, PhD, D.Sc.
Co-Founder, President and Chief Executive Officer, InnFocus, Inc.

At Ocular Therapeutix, Dr. Sawhney focuses on unmet needs in ophthalmic surgical wound management and drug delivery. Dr. Sawhney was previously the Founder and Chief Executive Officer of Confluent Surgical (acquired by Covidien), a biosurgery company. He was the Chairman of MarketRx (acquired by Cognizant), a provider of pharmaceutical marketing, sales analytics and intelligence. Previously, he was the technology founder of Focal, Inc. (acquired by Genzyme) and Access Closure Inc.

Dr. Sawhney’s innovations are the subject of over 100 issued and pending patents. Dr. Sawhney has been recognized by several awards including being named the “Five most innovative Medical Device CEOs” by MassDevice, the MassMedic best startup company award, the Frost and Sullivan Product innovation award, and the MIT Global Indus Technovators Award.

Dr. Sawhney holds a PhD and MS in Chemical Engineering from the University of Texas at Austin and a B.Tech. in Chemical Engineering from IIT Delhi.

Amar Sawhney, PhD
President and Chief Executive Officer, Ocular Therapeutix, Inc.

Dr. Ross has served as Director of Preclinical Development at Ono Pharma USA, a division of Ono Pharmaceuticals Ltd (Osaka, Japan), since 2004. He serves on Ono international teams for clinical development of compounds across many therapeutic areas and works closely with Ono’s drug safety, in-licensing/out-licensing, and regulatory affairs groups.

Dr. Ross earned his PhD in Biology from Purdue and completed post graduate research at Brown in 1987. His research in industry led to numerous patents for therapeutic small molecule compounds to treat vision and memory disorders. He is an active member of ARVO and the Society for Neuroscience.

Douglas T. Ross, PhD
Senior Director, Preclinical Development, Ono Pharma USA, Inc.

Mr. Thompson is President and Chief Executive Officer of Amorphex Therapeutics, a sustained ophthalmic drug delivery technology company. With over 20 years of executive experience in medical device and OTC consumer markets, Mr. Thompson has been a senior executive with early stage companies with devices including a breast cancer MRI scanner, a hand-held instrument for the detection of pediatric middle ear fluid, and fertility diagnostic products.

He was formerly a corporate officer of Bausch + Lomb and president of Polymer Technology Corporation. Mr. Thompson joined Polymer Technology in its early, venture capital financed stage prior to acquisition by Bausch + Lomb and held various senior positions as the company grew to become the world’s leading provider of gas permeable contact lens products.

Mr. Thompson is a graduate of Boston University’s School of Management and of Harvard Business School’s Program for Management Development.

Robert F. Thompson
President and Chief Executive Officer, Amorphex Therapeutics LLC
Mr. Timm brings 25 years of experience in the surgical device/life science industry to Mobius Therapeutics. He has initiated and/or grown sub-specialty franchises for multiple companies, to include American Hospital Supply Corporation, Applied Medical Resources, Storz Ophthalmics, and Given Imaging, Ltd.

Most notably, he was responsible for Commercial Development at Synergetics, Inc., taking the company from start-up status to a $40 million public company, operating successfully in 60 countries and two surgical disciplines.

Mr. Timm holds a BA degree in Philosophy from the University of Dayton and is the holder of seven issued US patents, with numerous patents pending.

Dr. van Haarlem started the company in 2005, establishing and expanding the company’s research and development operations in state-of-the-art laboratories in Research Triangle Park, North Carolina. In 2007, he added an Aerie corporate office in Bridgewater, New Jersey. Aerie has raised $61 million since its inception to successfully discover and develop its portfolio of novel proprietary ophthalmic drugs.

Dr. van Haarlem has broad leadership experience based on twenty years in commercial, strategic and development positions at Pfizer, Pharmacia, and Merck—both in the U.S. and in Europe.

Dr. van Haarlem earned an MD degree from the University of Amsterdam and completed his business education at the NIMA Institute in the Netherlands.

Mr. Trauthen is the Chief Scientific Officer of Ivantis, responsible for clinical and pre-clinical research programs. Ivantis has over 500 patients currently enrolled in 6 clinical trials, and expects to double that number within the next 2 years. Mr. Trauthen has 20 years of experience in Research and Clinical management in multiple healthcare ventures. Prior to joining Ivantis in 2010, he held management positions at Devax Inc., Conor Medsystems, Radiance Medical Systems, and Applied Medical Resources, and Edwards Lifesciences.

Mr. Trauthen received a BS degree in Bioengineering from the University of California, Berkeley and an MS degree in Electrical Engineering from the University of California, Irvine.

He is a coauthor of several publications and is an inventor or co-inventor on over 12 United States patents and patents pending.

Mr. White is an experienced entrepreneur—Clearside Biomedical is his third start-up company. Mr. White has served in senior corporate development and transaction roles with GlaxoSmithKline, Stiefel, and CIBA Vision.

He was founding member of Alimera Sciences as VP of Finance and Corporate Development and instrumental in Alimera’s initial fund raising, asset acquisitions, and disbursements. Alimera Sciences is now a publically-traded company.

Mr. White has participated in raising private equity and asset sales of more than $120 million and has participated in eight current ophthalmic products from acquisition to commercialization.

Mr. White holds an MBA from Wake Forest in finance, has an undergraduate degree in molecular biology from Auburn University, and has performed graduate work in pharmacology at the University of North Carolina at Chapel Hill.
Presenting Companies

William S. “Sandy” White  
Chief Executive Officer and President,  
Icon Bioscience, Inc.

Mr. White brings over 25 years of broad pharmaceutical industry experience including general management, corporate development/licensing, R&D, and sales & marketing to his role as Chief Executive Officer and President of Icon Bioscience. This experience encompasses a broad range of therapeutic areas including cardiology, ophthalmology and oncology.

Prior to joining Icon, Mr. White has held positions including Vice President of Pharmaceutical Research & Development/Commercial Development & Planning at Storz Ophthalmics (a division of American Home Products), President/Business Leader of Integrated Protein Technologies (a unit of Monsanto), and Chief Executive Officer of BioCache Pharmaceuticals, Inc.

He holds an undergraduate degree in biology from the University of Virginia, a pharmacy degree from the Medical College of Virginia, and an MBA from Virginia Commonwealth University. Mr. White also serves on the Board of Directors for Nemucore Medical Innovations and the Virginia Biotechnology Park.

Benjamin Yerxa, PhD  
Chief Scientific Officer,  
Liquidia Technologies, Inc.

Dr. Yerxa joined Liquidia from Clearside Biomedical. Prior to Clearside, Dr. Yerxa was the Executive Vice President and Chief of Research & Development at Inspire Pharmaceuticals, a top-ranked publicly-traded biotech company acquired by Merck & Co., Inc. During his time at Inspire, Dr. Yerxa helped the company build and commercialize a portfolio of innovative new products.

Throughout his 20-year career in the pharmaceutical and biotechnology industry, Dr. Yerxa has been involved with the discovery and development of several investigational new drugs (INDs), phase 3 clinical programs, new drug applications (NDAs), and drug approvals.

His experience spans a variety of therapeutic areas including ophthalmology, pulmonary, cardiovascular, and HIV. Dr. Yerxa holds more than 50 U.S. patents, has led a variety of licensing deals including technology transfers and manufacturing agreements, and has built several R&D and corporate functions from inception.

Jean-Marc Wismer, MScEE, MBA  
Chief Executive Officer,  
Sensimed, AG

Mr. Wismer has 25 years’ experience in international growth management and financing, based on previous positions as an executive with Silicon Microstructures Inc. and Medtronic, the COO of Lysis, and the Chief Executive Officer and founder of Neocast.

Since 2003, Mr. Wismer is active as a business consultant and interim manager for innovative high-tech companies, and has held the position of Chief Executive Officer with Sensimed since 2007. He is also a consultant and financial expert with the CTI start-up Swiss federal organization, lecturer with Venturelab and Master of Technology/EPFL, and is a jury member with Venturekick.

Mr. Wismer holds a MSc in Electrical Engineering from EPFL and MBA from IMD.

Daniel Zurr, PhD  
Chief Executive Officer, Founder and Chairman of the Board,  
Quark Pharmaceuticals Inc.

Dr. Zurr also serves as a Director of QBI, a wholly-owned subsidiary of Quark Pharmaceuticals. He has extensive experience in senior research and business management in the chemical and pharmaceutical industries.

Prior to establishing Quark, Dr. Zurr was the Chief Executive Officer of Plantex-Ikapharm, then the second largest pharmaceutical company in Israel with more than 300 employees and marketing offices in the United States, Europe and Japan, focused in the field of bulk active ingredients and finished dosage pharmaceuticals. During Dr. Zurr’s tenure, Plantex Ikapharm, now part of the Teva group of companies, became the first Israeli company ever to be inspected and approved by the FDA.

Dr. Zurr received his MSc at the Hebrew University of Jerusalem and his PhD from the Imperial College University of London under the guidance of the Nobel Laureate Professor D.H.R. Barton.
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Speakers, Moderators and Panelists

Stuart B. Abelson, MBA
President and Chief Executive Officer,
Ora, Inc.

Mr. Abelson has been a Director at Ora—a leading independent ophthalmic drug and device development firm—since 1995 and has served as the company’s Chairman from 1997 until his appointment as President in 2007.

Prior to joining Ora, Mr. Abelson served in various positions, including most recently Director of Technical Business Development at Amphenol, one of the largest manufacturers of interconnect products in the world. From 1999 through 2005, he served as General Manager of Amphenol’s fiber optic product division.

Mr. Abelson graduated Phi Beta Kappa and Magna Cum Laude with a BS degree in neuroscience from Bates College where he was a Charles A. Dana Scholar. He holds an MBA from Northwestern University’s Kellogg School of Management.

Anthony P. Adamis, MD
Vice President, Global Head of Ophthalmology,
Genentech, Inc.

Dr. Adamis co-founded Eyetech (2000) and Jerini Ophthalmic (2007). At Eyetech, Dr. Adamis helped lead the team that obtained FDA approval for the first anti-VEGF drug in ophthalmology, based on his co-discovery of the role of VEGF in ocular disease.

From 1991 to 2002, Dr. Adamis was on the full time faculty of the Harvard Medical School and was co-director of the Ocular Angiogenesis Laboratory at the Massachusetts Eye and Ear Infirmary.

He received his MD with Honors from the University of Chicago, and completed his ophthalmology residency at the University of Michigan and fellowship in corneal disease at the Massachusetts Eye and Ear Infirmary.

His research training in vascular biology was with Dr. Judah Folkman at the Children’s Hospital of Boston.

Ike Ahmed, MD, FRCSC
Assistant Professor, Faculty of Medicine,
University of Toronto
Clinical Assistant Professor,
University of Utah

Dr. Ahmed also serves as the research fellowship director in the Department of Ophthalmology and as director of the glaucoma and advanced anterior surgical fellowship. He is also a Clinical Assistant Professor at the University of Utah.

Dr. Ahmed’s areas of subspecialty expertise include surgical management of glaucoma, the complex cataract, and management of cataract and intraocular lens complications.

He is actively involved in research and medical education at a national and international level, has received many research grants, and has designed diamond scalpels for glaucoma surgery, microsurgical instrumentation, and devices, implants, and techniques for the management of the dislocated cataract and glaucoma.

He has published numerous peer-reviewed articles and has given more than 500 scientific presentations and lectures worldwide.

Kfir Azoulay
Vice President and General Manager,
Ophthalmology Business Unit,
Lumenis, Ltd.

Mr. Azoulay brings over 13 years of experience in the medical device industry in general, and in the field of ophthalmology in particular. During his decade-long tenure with Lumenis, the world’s largest laser- and light-based medical device company, he has held various marketing, product management and commercial operations roles in different locations around the world.

Mr. Azoulay is fluent in four languages and resides in Amsterdam, the Netherlands. He studied Cognitive Sciences; and he also completed the Ophthalmology Clinical and Science Program at Columbia University in NY.

Wiley A. Chambers, MD
Deputy Director, Division of Transplant and Ophthalmology Products, Center for Drug Evaluation and Research,
Food and Drug Administration (FDA)

Dr. Chambers is a Clinical Professor of Ophthalmology and Adjunct Assistant Professor of Computer Medicine at The George Washington University.

He joined the FDA in 1987, as a primary reviewer for ophthalmic drug products. In 1990 became a Supervisory Medical Officer for Ophthalmologic Drug Products. In this capacity, Dr. Chambers has supervisory responsibility for the clinical review of ophthalmologic drug products and ophthalmic therapeutic biologic products submitted to the FDA for study and potential approval. Dr. Chambers is the recipient of many awards for his work with the FDA.

With an undergraduate degree from Colgate University, Dr. Chambers completed medical school and a residency in Ophthalmology at The George Washington University School of Medicine and Health Sciences in Washington, DC.
Speakers, Moderators and Panelists

Paul Chaney
President and Chief Executive Officer, PanOptica, Inc.

Mr. Chaney co-founded PanOptica, a start-up, venture-backed private biopharma company, with a mission to develop innovative ophthalmic therapeutics.

Previously, Mr. Chaney was executive vice president of OSI Pharmaceuticals and president of (OSI) Eyetech, OSI’s eyecare subsidiary. He joined Eyetech Pharmaceuticals as chief operating officer in 2003.

Mr. Chaney has over 30 years of experience in the pharmaceutical industry, including a variety of senior management positions at Pharmacia Corporation. At Pharmacia, he served as vice president of the Global Ophthalmology Business and as vice president of Global Pharmaceutical Ophthalmology. He began his career as a sales representative for The Upjohn Company in 1980.

Mr. Chaney earned a dual degree, with honors, in Biological Sciences and English from the University of Delaware.

Anne L. Coleman, MD, PhD
Frances and Ray Stark Professor of Ophthalmology, Jules Stein Eye Institute, David Geffen School of Medicine at UCLA, Professor of Epidemiology, UCLA Jonathan and Karin Fielding School of Public Health

In addition, Dr. Coleman is the Director of the Jules Stein Eye Institute Center for Community Outreach, UCLA Mobile Eye Clinic and the Vice-Chair for Academic Affairs for the Department of Ophthalmology.

Dr. Coleman is actively involved in national outreach programs in ophthalmology, as the Chair of a 14-member committee of eye health experts overseeing National Eye Health Educational Program’s education programs, as the Secretary of Quality of Care and Director of the H. Dunbar Hoskins Center for Quality of Care at the American Academy of Ophthalmology, developing patient-centered guidelines and performing comparative effectiveness research.

Alan S. Crandall, MD
Director of Glaucoma and Cataract, Senior Vice Chairman of Ophthalmology and Visual Sciences, John A. Moran Eye Center, University of Utah

Dr. Crandall joined the University of Utah Ophthalmology Department in 1981 after graduating from the University of Utah and receiving his medical degree from the University of Utah School of Medicine. He completed his internship in surgery at the University of Pennsylvania Medical Center as well as his residency and fellowship in ophthalmology at the Scheie Eye Institute, University of Pennsylvania.

He is Co-Director of the Moran Eye Center International Division. Dr. Crandall is a Diplomat of the National Board of Medical Examiners as well as a member of the American Board of Ophthalmology.

In addition to membership in many professional organizations including the American Glaucoma Society, he is a past president of the American Society of Cataract and Refractive Surgery.

Emmett Cunningham, Jr., MD, PhD
Partner, Clarus Ventures

Prior to joining Clarus, Dr. Cunningham was the SVP, Medical Strategy at Eyetech Pharmaceuticals, where he helped build and lead the team that developed and commercialized Macugen, a first-in-class product for the treatment of age-related macular degeneration.

Prior to Eyetech, Dr. Cunningham was at Pfizer, Inc., where he was responsible for the clinical development of early phase central nervous system compounds and the in-licensing of early and late-stage therapeutic candidates in ophthalmology. Dr. Cunningham is a member of the Board of Directors for Neomend, Inc. and Restoration Robotics, Inc.

Dr. Cunningham received an MD and MPH in epidemiology and statistics from Johns Hopkins University and a PhD in neuroscience from the University of California at San Diego.

Eugene de Juan, Jr., MD
Founder and Vice-Chairman, ForSight Labs

Dr. de Juan is a renowned retinal surgeon, inventor, and entrepreneur actively participating as inventor and advisor in early-stage ophthalmic device opportunities.

Dr. de Juan splits his time between ForSight Labs and UCSF, where he holds the Jean Kelly Stock Distinguished Chair in Ophthalmology and continues to see patients, operate and teach.

He has participated in the development of a number of ophthalmology’s most exciting new technologies with over 100 products. He has also participated in forging a number of venture-funded companies including Second Sight, InnoRx, and NeoVista, Inc., in addition to ForSight Labs’ first company Transcend Medical, founded in 2005.

Dr. de Juan completed his medical degree and internship training at the University of South Alabama College of Medicine.
Mr. Douglas is an award-winning industry veteran with nearly three decades of experience in health care, pharmaceuticals, and entrepreneurship. He serves as chief strategist for the Institute, which focuses on delivering value-added patient-centered innovation and commercialization.

He is currently a member of the Advisory Council for the National Center for Advancing Translational Sciences (NCATS) at the NIH, established to catalyze the generation of innovative methods and technologies to enhance the development, testing and implementation of diagnostics and therapeutics across a wide range of human diseases and conditions.

At MIT, Dr. Douglas founded and served as first executive director of the MIT Center for Biomedical Innovation. Dr. Douglas holds a doctorate in physical chemistry and a medical degree from Cornell University.

Dr. Goldberg received his BS degree from Yale University, and his MD and PhD degrees from Stanford University. Dr. Goldberg’s laboratory is studying retinal ganglion cell development, survival and axon regeneration in glaucoma, and investigating the cellular basis for the developmental loss of axon growth ability.

In 2012, Dr. Goldberg was honored with the Cogan Award by the Association for Research in Vision and Ophthalmology for his laboratory research directed at neuroprotection and regeneration of retinal ganglion cells, and for contributing significant discoveries about the failure of optic nerve regeneration. He was invited to present the 2012 Cogan Lecture.

Dr. Goldberg is a Principal Investigator in Glaucoma Research Foundation’s Catalyst for a Cure research consortium.

Dr. Gordon brings over 25 years of experience in pharmaceuticals, biologics, and medical devices to her consulting practice, ClinReg Consulting Services, Inc. She has been involved in the clinical and regulatory development for a broad range of ophthalmic drugs and devices, including glaucoma implants; conventional, accommodating and phakic IOLs; femtosecond, excimer and glaucoma lasers including SLT; topical ophthalmic drugs; and intraocular and intravitreal drug delivery systems.

Dr. Gordon has taken multiple 510(k)s, PMAs and NDAs through the FDA review process, and has directed large-scale clinical trials of medical devices, biologics, and pharmaceutical products. In addition, she has served as the industry representative to the Ophthalmic Devices Advisory Panel and to the Dispute Resolution Advisory Panel of the Center for Devices and Radiologic Health.

Dr. Grunden is responsible for U.S. and global glaucoma medical activities, including the conduct of clinical trials, investigator-initiated research grants, strategic planning, and interactions with global regulatory agencies.

Previously, he worked in global medical affairs at Pfizer and at Pharmacia where he supported the Ophthalmology Franchise from the time of Xalatan’s launch in 1996. He has also held numerous academic appointments.

Dr. Grunden received his Doctor of Pharmacy degree from the University of Utah after obtaining a Bachelor of Pharmacy degree from Washington State University. Following a residency in Clinical Pharmacy Practice, he completed a specialized residency at the University Hospital and Clinics in Salt Lake City, Utah.

Dr. Grunden was elected to the Glaucoma Research Foundation Board of Directors in January 2009.

Dr. Higginbotham has held many notable leadership positions in academia including Chair of the Ophthalmology and Visual Sciences Department at the University of Maryland School of Medicine, Dean and Senior Vice President for Academic Affairs at the Morehouse School of Medicine, Professor of Ophthalmology at the Emory Eye Center, and most recently, Senior Vice President and Executive Dean for Health Sciences at Howard University.

Dr. Higginbotham is the Chair of the FDA Ophthalmic Devices Panel, past member of the NEI Data and Safety Monitoring Committee, and former chair of the Planning Committee NEI National Eye Health Education Program. A board-certified ophthalmologist, she received her SB and SM degrees in Chemical Engineering from the Massachusetts Institute of Technology and earned her MD from Harvard Medical School.
Speakers, Moderators and Panelists

Ms. Hutton is a seasoned healthcare investor, passionate about investing in and building companies that are revolutionizing the practice of medicine. Over the last 18 years at Canaan Partners, Ms. Hutton has facilitated the introduction of over 11 novel and lifesaving medical devices, new drugs and diagnostics. Her track record includes the initial public offerings of five companies, of which two were later acquired, and the acquisition of four more by medical companies including the recent acquisition of BiPar Sciences, a leader in the development of a potential new class of tumor-selective drugs designed to meet the unmet needs of cancer patients.

Ms. Hutton holds a BA from Stanford University and an MBA from Harvard Business School, where she was a Baker Scholar.

Dr. Katz has wide-ranging interests in glaucoma, including drug evaluation, laser and medical management in glaucoma treatment, optic nerve scanning methodologies, and glaucoma surgical techniques. Lately, he has also been involved in studies of gene expression in primary open angle glaucoma, of new instruments for intraocular pressure measurements, and major NEI/NIH collaborative studies, including the Glaucoma Laser Trial, and the Advanced Glaucoma Intervention Study.

He is on the advisory boards of pharmaceutical and glaucoma device companies, including Glaukos, Bausch + Lomb, Allergan, Alcon and Merck.

Dr. Katz received his BA from Case Western Reserve University and his MD from Yale University School of Medicine. He completed his ophthalmology residency at Yale and then moved to Wills Eye Hospital for his glaucoma subspecialty training.

Dr. Kim brings his expertise as an ophthalmologist with a background in both biopharmaceutical and medical device development. Prior to joining the Alcon Division of Novartis in 2012, Dr. Kim served as Vice President of Clinical Ophthalmology at GlaxoSmithKline.

Earlier, at Carl Zeiss Meditec he led development of the Stratus 2nd generation optical coherence tomography imaging. Dr. Kim received his MD from Brown University’s 7-Year Medical Education Program. He completed his residency in ophthalmology at the University of California, San Francisco (UCSF) and a post-doctoral fellowship in molecular biology at the National Eye Institute, followed by retina clinical fellowship training at Moorfields Eye Hospital in London. Dr. Kim transitioned to volunteer clinical faculty status in 1998 to complete an MBA at UC Berkeley’s Haas School of Business and move into industry.

He is currently also an Associate Clinical Professor of Ophthalmology at UCSF.

Dr. Kliman joined InterWest in 1996, Dr. Kliman invests in a broad array of life sciences opportunities with a special interest in ophthalmology, medical devices, and healthcare IT.

He is a board member of Autonomic Technologies, Doximity, Glaukos, On Demand Therapeutics, Restoration Robotics, and ReVision Optics. He was an early investor in IntraLase and LenSx, two pioneering ophthalmic laser companies that led transformative advances in eye surgery around the world.

Prior to InterWest, Dr. Kliman was a health care investor at TA Associates and at Norwest Venture Capital. A former practicing ophthalmologist and laser researcher, he was previously west coast director of LCA Vision.

Dr. Kliman received an MD from the University of Pennsylvania and an MBA from Stanford University.

Mr. Kunst joined Alcon in 2010 and has since been responsible for Alcon’s entry into the worldwide glaucoma surgery business and for the continued expansion of Alcon’s glaucoma surgery portfolio.

Prior to joining Alcon, Mr. Kunst was at Kinetic Concepts, Inc., a $2.0 billion leader in wound healing technologies and regenerative medicine in positions of increasing responsibility including Global Head of Market Access and Reimbursement, Asia/Latin America Regional Head of Health Economics.

He started his career in marketing and operations at Ocular Sciences, Inc., a leader in soft contact lenses in 2002.
Mr. Kunst graduated from Brigham Young University with a BS degree in Economics in 2002 and graduated from Vanderbilt University in 2006 with an MBA in Marketing and Strategy.

Ralf Kuschnereit, PhD, MBA
President and Chief Executive Officer, Carl Zeiss Meditec Inc.
Senior Vice President, Ophthalmic Systems Division, Carl Zeiss Meditec AG

Prior to his current appointment, Dr. Kuschnereit was Executive Vice President of Business Sectors and Innovation at Carl Zeiss Meditec, Inc., where he was responsible for overseeing R&D, upstream Marketing and Regulatory/Clinical Affairs. He joined Carl Zeiss Meditec in 1997 and before relocating to the U.S. in 2010, was Vice President of R&D at Carl Zeiss Surgical GmbH and served on their Board in 2008.

Dr. Kuschnereit received his degree in Physics from the University of Bonn, Germany and earned his PhD from the University of Heidelberg, Department of Physical Chemistry. In addition, he received his MBA from the University of Augsburg and Katz Graduate School of Business in Pittsburgh, PA.

Phillip C. Lai, MD
Associate Medical Director, Genentech, Inc.

Dr. Lai joined Genentech’s Ophthalmology Product Development group in 2010 and works on the development of glaucoma and retinal drugs. Prior to Genentech, he was at Vistakon, a Johnson and Johnson subsidiary, where he worked on early stage development of glaucoma combination products.

Dr. Lai received both his undergraduate and medical degrees at Brown University. He then completed his ophthalmology residency at George Washington University followed by a glaucoma fellowship at University of California, San Francisco.

Prior to joining industry, Dr. Lai was on staff at New York Medical College where he taught ophthalmology residents and was also in private practice in New Jersey.

Debra R. Lappin, JD
Senior Vice President, FaegreBD Consulting and President, Council for American Medical Innovation

Ms. Lappin is recognized across government, academic, and nonprofit sectors as a leading strategist in public health and science policy. She consults on innovative public-private partnerships, global consortia, and other strategic alliances among academic research institutions, health agencies, government, and industry.

Her practice focuses on the changing roles of academia research institutions and the increasing influence of venture philanthropic patient organizations in accelerating translational research. She is recognized for her leadership of major science policy campaigns calling for public access to scientific communications and genetic non-discrimination.

Ms. Lappin has advised the leading agencies in public health, including the Centers for Disease Control and Prevention and the National Institutes of Health. Ms. Lappin is President of the Council for American Medical Innovation.

Eliot Lazar, MD
President, eICON Medical

Eliot Lazar, MD, is President of eICON Medical, Buffalo, NY—a consulting firm that provides an end-user medical and surgical perspective on medical device market needs and requirements, medical technology trends and developments, and funding strategies.

An ophthalmologist specializing in anterior segment pathology and surgery, Mr. Lazar has several university appointments. He holds patents on intraretinal delivery and withdrawal instruments and has published numerous articles. He regularly presents research findings at medical society meetings.

His professional memberships include the American Medical Association, the International Society of Refractive Surgery, and the Society for Neuroscience. He has been a member of MD&DI’s Editorial Advisory Board since 2003.

William J. Link, PhD
Managing Director, Versant Ventures

Dr. Link specializes in early-stage investing in medical devices at Versant. Prior to co-founding Versant Ventures, Dr. Link was a general partner at Brentwood Venture Capital. With extensive knowledge of medical devices, particularly in ophthalmology, his operating experience spans more than 23 years in general management in the healthcare industry.

Perhaps Dr. Link’s greatest operational success was as Chief Executive Officer of Chiron Vision, a subsidiary of Chiron Corporation specializing in ophthalmic surgical products, which was sold to Bausch + Lomb in 1997.

He founded and served as President of American Medical Optics (AMO), a division of American Hospital Supply Corporation, which was sold to Allergan in 1986.

Dr. Link earned his Bachelor’s, Master’s, and Doctorate degrees from Purdue University.
Speakers, Moderators and Panelists

K. Angela Macfarlane, JD
President and Chief Executive Officer, ForSight Labs

Ms. Macfarlane joined ForSight Labs in March 2007 as President and Chief Executive Officer, bringing her broad experience in early stage company creation. Over the past six years, ForSight has started five companies that have collectively raised over $100M in capital, and are focused on breakthrough therapies for ophthalmology, including glaucoma, corneal surgery and treatment of posterior segment ocular disorders.

Prior to joining the ForSight Labs team full-time, Ms. Macfarlane served as Chief Technology Counsel to The Foundry. From 1999 through 2004, Ms. Macfarlane served as Technology Counsel for Thomas J. Fogarty, MD, a renowned physician/entrepreneur.

Ms. Macfarlane received her BA in Business Administration from San Francisco State University, and her JD from Golden Gate University School of Law.

J. Casey McGlynn, JD
Partner, Wilson Sonsini Goodrich & Rosati

Joining WSGR in 1978, Mr. McGlynn formed the Life Sciences Group in 1990 which catapulted it to becoming the nationally recognized leader in the representation of startup and emerging growth companies in the life sciences field with a focus on Medical Devices.

He assists his clients in meeting their financing needs through introductions to an extensive network of angel investors, financiers, venture capitalists, corporate partners, and investment bankers.

Mr. McGlynn was a founding member of BIO and served on its Emerging Company Board for over a decade. He is also a founder and director of Life Science Angels, which has invested over $30 million in 40 life science companies, stimulating an additional $600 million from venture investors.

Anand Mehra, MD
Partner, Sofinnova Ventures

Dr. Mehra joined Sofinnova Ventures in 2007 to focus on biopharmaceutical investing. Currently, he is a director of Aerie Pharmaceuticals and Marinus Pharmaceuticals and led the firm’s investment in Vicept Therapeutics (Acquired: Allergan). Dr. Mehra served as a board member at NextWave Pharmaceuticals (Acquired: Pfizer) and also played an important role in the firm’s investments in Hyperion, Preglem (Acquired: Gedeon Richter), and Amarin (NASDAQ: AMRN).

Prior to joining Sofinnova Ventures, Dr. Mehra worked in JP Morgan’s private equity and venture capital group. Before joining the venture community, he was a consultant in McKinsey & Company’s pharmaceutical practice.

Dr. Mehra received his MD from Columbia Medical School and graduated Phi Beta Kappa from the University of Virginia.

Gary D. Novack, PhD
President, Pharmalogic Development, Inc.

Dr. Novack is the founder and president of Pharmalogic Development, Inc—a consultancy providing development expertise to pharmaceutical and medical device companies specializing in ophthalmology and other local therapies.

He has authored over 175 papers, and played a key role in the approval of over 40 ophthalmic products. He is a member of many professional societies, including the Glaucoma Research Society, and has served in leadership roles in the American Society of Clinical Pharmacology and Therapeutics.

Dr. Novack received his BA from the University of California Santa Cruz, his PhD in Pharmacology and Toxicology from the University of California Davis, and his postdoctoral fellowship in neurophysiology at the University of California Los Angeles. He earned his diploma in clinical pharmacology in 1990, the inaugural year of the certification.

Jane E. Rady
Divisional Vice President, Business Development Abbott Medical Optics Inc.

Prior to joining Abbott Medical Optics, Ms. Rady was a director and the Chief Executive Officer of Integrated Genomics, Inc., held senior positions within G.D. Searle & Co., and headed venture investing in Monsanto focusing on emerging technologies and businesses in biotechnology. Ms. Rady began her career in Chicago with Abbott Laboratories.

She received her Bachelor and Master of Science from the University of Illinois in molecular biology/microbiology and her MBA from Northwestern’s Kellogg School of Management. She serves as a board member on the University of California Irvine’s Biomedical Engineering Corporate Advisory Board, as a member of the board of directors for the Medical Device Manufacturer’s Association, and as an advisor to the southern California chapter of Healthcare Businesswomen’s Association.
**Speakers, Moderators and Panelists**

**Rhett M. Schiffman, MD, MS, MHSA**  
Vice President of Global Drug Development and  
Therapeutic Area Head of Ophthalmology,  
Allergan, Inc.

Dr. Schiffman joined Allergan in 2001, and is responsible for the approval of numerous ophthalmic medications including RESTASIS™, ELESTAT™, ZYMAR™, ZYMAXID™, ACULAR LST™, ACUVAIL™, COMBIGAN™ and LUMIGAN 0.01%™.

He is Board Certified, having completed residencies in Internal Medicine and in Ophthalmology at Henry Ford Hospital, as well as a Fellowship in Uveitis and Ocular Immunology at the National Eye Institute of the National Institutes of Health.

Dr. Schiffman joined the Glaucoma Research Foundation Board of Directors in 2010.

**Kuldev Singh, MD, MPH**  
Professor of Ophthalmology and Director,  
Glaucoma Service,  
Stanford University Medical Center

Dr. Singh’s current research interests focus on glaucoma surgical trials, glaucoma genetics, the epidemiology of glaucomatous disease and health care delivery in developing countries. His clinical practice focuses on the medical, laser and surgical management of glaucoma, and the surgical management of cataract in patients with glaucoma.

He was a member of the team that won first prize in the Cataract Surgery section of the American Society of Cataract and Refractive Surgery Challenge Cup in 2006.

Dr. Singh joined the Glaucoma Research Foundation Board of Directors in 2007.

**Tracy M. Valorie, BS, MBA**  
Global Head of Glaucoma,  
Bausch + Lomb

Ms. Valorie is the Global Head of Glaucoma at Bausch + Lomb. She is primarily responsible for the development and execution of B+L’s global glaucoma strategy. Prior to joining B+L, Tracy was Pfizer’s Commercial Lead of Ophthalmology where she was responsible for marketed products (Xalabrand & Macugen), mid-stage development portfolio, and long range planning.

Her 20+ year career has included roles in discovery science, clinical development, early commercial assessment, marketing and strategic planning.

Ms. Valorie has held board membership seats at The Glaucoma Foundation and the ARVO Foundation for Eye Research.

**M. Roy Wilson, MD, MS**  
Deputy Director, Strategic Scientific Planning  
and Program Coordination,  
National Institute on Minority Health and  
Health Disparities (NIMHD),  
National Institutes of Health (NIH)

As deputy director, Dr. Wilson oversees the development and implementation of an integrated system for planning, coordinating, and evaluating the NIH health disparities research portfolio, working in collaboration with the NIH Institutes and Centers.

He has served on the executive committee of the NIH-funded Ocular Hypertension Treatment Study and currently chairs the Data Monitoring and Oversight Committee of the NIH-funded Los Angeles Latino Eye Study. Dr. Wilson was also a member of the advisory councils of both NIMHD and the former National Center for Research Resources.

Dr. Wilson received his undergraduate degree from Allegheny College, Meadville, PA, his MS in epidemiology from the University of California, Los Angeles, and his MD from Harvard Medical School, Boston.

**Barbara Wirostko, MD**  
Clinical Adjunct Associate Professor,  
Moran Eye Center, University of Utah

Dr. Wirostko is a board certified ophthalmologist and the Co-Founder and Chief Scientific Officer of Jade Therapeutics, developing a drug delivery polymer platform to treat corneal diseases. Prior to Jade she was Chief Medical Officer of Altheos, a biotech company developing a ROCK inhibitor for glaucoma. She maintains an academic research and clinical practice with the University of Utah, Moran Eye Center.

She consults for several companies involved in drug delivery and chairs the yearly GTC Ocular Diseases and Drug Development Conference. From 2006-2010, she was Senior Medical Director within the Specialty division of Pfizer in NY overseeing the global responsibilities of Xalabrand as well as a Sustained Delivery Xalatan product.

She completed her glaucoma fellowship at Cornell University, NY and received her ophthalmology training as well as her medical degree at Columbia University, NY.
Founded in 1978 in San Francisco, the Glaucoma Research Foundation was created to encourage innovative research to find better ways to care for people with glaucoma and ultimately find a cure.

GRF founders in 1989 (L-R): the late Robert Shaffer, MD, H. Dunbar Hoskins, Jr., MD, and John Hetherington, MD.

Advancing Innovative Research
Successful research grants funded by Glaucoma Research Foundation include the Collaborative Normal Tension Glaucoma Study, the first controlled clinical trial to establish that lowering eye pressure preserves vision. Another GRF grant funded one of the first research studies to identify a gene that causes glaucoma.

Our major collaborative study, Catalyst For a Cure (CFC), is redefining glaucoma research and how it is conducted. Established in 2001, our first CFC team focused on neuroprotection and fundamentally changed how the scientific and medical communities view vision loss in glaucoma. In 2011, we recruited a second team of investigators to the CFC consortium to identify new, specific and sensitive biomarkers for glaucoma. The impact of this research will be valuable for both patients and doctors as it has the potential to transform how glaucoma is diagnosed and managed in the future.

Our Commitment to Education and Awareness
Glaucoma Research Foundation remains a principal source of information and support for doctors, patients and their families. We distribute more than 100,000 issues of our Gleams newsletter. Our website, www.glaucoma.org, helps over one million visitors annually and our educational booklet “Understanding and Living with Glaucoma” continues to be a primary resource for patients.

Speeding the Development of New Therapies
In February 2012, thanks to the leadership of Drs. Adrienne Graves and Andrew G. Iwach, we launched the Glaucoma 360 New Horizons Forum, an annual meeting dedicated to advancing the development of new glaucoma therapies and diagnostic devices for patients. This unique gathering is a catalyst to advance novel ideas into clinical practice and assist patients in the near term.

These innovative programs are made possible through generous philanthropic support. Glaucoma Research Foundation receives no government funding and as good financial stewards, 86% of all funds raised go to funding research and education.

As we celebrate our 35th anniversary, we thank you for your participation in Glaucoma 360 and our efforts to eradicate this blinding disease.

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