

Farhad Hafezi

Curriculum vitae

1. PERSONAL DATA

Surname	Hafezi	
Given name	Farhad	
Sex	Male	
Academic degree	Professor of Ophthalmology M.D., Ph.D.	
Nationality	Swiss	
Canton of origin	Fribourg (FR)	
Professional address	ELZA Institute, Webereistrasse 2, 8953 Dietikon. +41 44 741 81 81. fhafezi@elza-institute.com	
Languages	German	Mother tongue
	English	(C2 - speaking, writing)
	French	(C1 - speaking, writing)
	Polish	(C1 - speaking, A2 - writing)
	Farsi	(B2 - speaking, writing)

2. PRESENT POSITIONS

Geneva, Switzerland	Professeur titulaire, Faculté de médecine, Université de Genève
Zurich, Switzerland	Group Leader, Laboratory for Ocular Cell Biology, University of Zurich, Switzerland
Zurich, Switzerland	Medical Director, The ELZA Institute, Zurich, Switzerland
Los Angeles, USA	Adjunct Clinical Professor of Ophthalmology, Keck School of Medicine, USC Los Angeles, USA
Wenzhou, China	Visiting Professor, Faculté de Médecine, Wenzhou Medical University, Wenzhou, China

3. DIPLOMAS

2005 - 2008	PhD thesis, Dept. of Ophthalmology (Prof. Dr. med. Gabriel van Rij), Erasmus University Rotterdam, The Netherlands on " <i>Management of Complications in Refractive Laser Surgery</i> "
1993 - 1994	26th 2 year-postgraduate course in experimental medicine and biology (currently known as Masters in Biology), ETH and University of Zurich, Switzerland
1991 - 1992	Doctorate of Medicine, Dept. of Internal Medicine (Prof. Dr. med. Peter Weidmann), Inselspital Bern, Switzerland on " <i>Insulin sensitivity and atrial natriuretic factor during beta-receptor modulation with celiprolol in normal subjects</i> "

4. TRAINING AND EDUCATION

1986 - 1992	Medical studies in Fribourg and Berne
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5. PROFESSIONAL ACTIVITIES

2014 – présent	Chief Medical Officer, ELZA Institute, Dietikon/Zurich, Switzerland
2017 – présent	Visiting Professor, Faculty of Medicine, Wenzhou Medical University, Wenzhou, China
2012 - présent	Clinical Professor of Ophthalmology, Keck School of Medicine, University of Southern California (USC) Los Angeles, USA
2010 - 2014	Professor and Chairman of Ophthalmology ("Ordinarius"), Geneva University Hospitals, Switzerland
2009 - 2011	Consultant for refractive laser surgery and corneal research, Hôpital Universitaire Ophtalmique Jules-Gonin, Lausanne
2008 - 2010	Titulary professor, Faculty of Medicine, University of Zurich
2003 - 2010	Partner and shareholder of the Institute for Refractive and Ophthalmic Surgery (IROC AG), Zurich, Switzerland.
2002	Clinical Oculoplastic Fellowship, Rotterdam Eye Clinic, Rotterdam, The Netherlands
2001 - 2008	„Privatdozent“ for Ophthalmology at the University of Zurich
2000 - 2002	Staff member "Oberarzt", Dept. of Ophthalmology, University Hospital Zurich, Switzerland
2000	Swiss Board Certification (FMH) in ophthalmology and ophthalmic surgery
1997 - 2000	Clinical residency, Dept. of Ophthalmology, University Hospital Zurich (Profs. B. Gloor and T. Seiler), Switzerland
1994 - 1997	Scientific postdoctorand, Retinal Cell Biology, Dept. of Ophthalmology, University Hospital Zurich (Prof. Charlotte E. Remé), Switzerland

6. TEACHING

Undergraduate

2001 - 2005	Lectures for 6th year medical students, University of Zurich , Switzerland
1999 - 2010	Practical courses in ophthalmology, Medical Faculty, University of Zurich, Switzerland
2011- 2014	Lectures for 6th year medical students and main responsible for pregraduate education, University of Geneva, Switzerland

Postgraduate and CME

2017	European Society for Cataract and Refractive Surgery (ESCRS) , Lissabon, Portugal. "Modern diagnosis and therapeutic techniques for irregular corneas". Instructional course.
2017	Society for Cataract and Refractive Surgery (ESCRS) , Lissabon, Portugal. "Complications and expanding application of CXL ". Instructional course.
2017	European Society for Cataract and Refractive Surgery (ESCRS) , Lissabon, Portugal. „Current state of CXL (corneal cross-linking with riboflavin and UVA“. Course leader instructional course.
2016	European Society for Cataract and Refractive Surgery (ESCRS) , Copenhagen, Sweden. "Modern diagnosis and therapeutic techniques for irregular corneas". Instructional course.
2016	Society for Cataract and Refractive Surgery (ESCRS) , Copenhagen, Sweden. "Complications and expanding application of CXL ". Instructional course.
2016	European Society for Cataract and Refractive Surgery (ESCRS) , Copenhagen, Sweden. „Current state of CXL (corneal cross-linking with riboflavin and UVA“. Course leader instructional course.
2015	International Conference on Ocular Infections (ICOI) , Barcelona, Spain. „ Collagen cross-linking for Infectious European Keratitis ". Symposium faculty.
2015	European Society for Cataract and Refractive Surgery (ESCRS) , Barcelona, Spain. „Current state of CXL (corneal cross-linking with riboflavin and UVA“. Course leader instructional course.
2015	European Society for Cataract and Refractive Surgery (ESCRS) , Barcelona, Spain. „CXL therapy“. Course faculty instructional course.

- 2015 European Society for Cataract and Refractive Surgery (ESCRS) , Barcelona, Spain. "Complications and expanding applications of CXL ". Course faculty instructional course.
- 2015 European Society for Cataract and Refractive Surgery (ESCRS) , Barcelona, Spain. "Keratoconus treatment options". Course faculty instructional course.
- 2014 Association for Research in Vision and Ophthalmology (ARVO), Orlando, USA. "Predicting, measuring and treating changes in corneal biomechanics". Course leader.
- 2014 Controversies in Ophthalmology (COPHY), Lissabon, Portugal. Faculty.
- 2014 European Society for Cataract and Refractive Surgery (ESCRS) , London, UK. „Surgical management of keratoconus“. Course faculty instructional course.
- 2014 European Society for Cataract and Refractive Surgery (ESCRS) , London, UK. „Current state of CXL (corneal collagen cross-linking with riboflavin and UVA“. Course leader instructional course.
- 2013 9th International congress on corneal collagen cross-linking, Dublin, Ireland. Main congress organizer.
- 2013 Association for Research in Vision and Ophthalmology (ARVO), Seattle, USA. "Predicting, measuring and treating changes in corneal biomechanics". Course leader.
- 2013 EUCornea, Amsterdam, NL. „ Current state of CXL (Corneal Collagen Cross-Linking). Controversies and hot topics ". Course leader.
- 2013 European Society for Cataract and Refractive Surgery (ESCRS), Amsterdam, NL. „CXL for infectious keratitis“. Course leader.
- 2013 European Society for Cataract and Refractive Surgery (ESCRS) , Amsterdam, NL. „Current state of CXL (corneal collagen cross-linking with riboflavin and UVA“. Course leader.
- 2013 8th congress of the Moroccan society for cataract and refractive surgery, Marrakech, Morocco. Courses on "Prise en charge du k ratoc ne" and "K ratites infectieuses". Course leader.
- 2012 24th Annual Meeting of the SLTBR (Society for Light Treatment and Biological Rhythms), Geneva, Switzerland. Main Congress Organizer and Co-Chairman.
- 2011 European Society for Cataract and Refractive Surgery (ESCRS), Vienna, Austria. „Modern trends in the management of keratoconus“. Course faculty.
- 2011 7th International congress on corneal collagen cross-linking, Zurich, Switzerland. Congress organizer.
- 2011 1st joint international congress Refr@ctive.online and SICSSO , Grosseto, Italy. „Advanced cross-linking course“. Course faculty.
- 2011 European Society of Ophthalmology (SOE) and AAP joint meeting, Geneva, Switzerland. „Surgical management of irregular corneas“. Course faculty.
- 2010 European Society for Cataract and Refractive Surgery (ESCRS), Paris, France. „Diagnostics and modern treatment options in keratoconus“. Course faculty.
- 2010 European Society for Cataract and Refractive Surgery (ESCRS), Paris, France. "Corneal collagen cross-linking". Course leader.
- 2010 Congress of the German Ophthalmic Surgeons (DOC), N rnberg, Germany. "Corneal ectasia". Course faculty.
- 2010 European Society for Cataract and Refractive Surgery (ESCRS), Paris, France. "Corneal cell biology for the refractive surgeon: an update". Course leader.
- 2010 World Ophthalmology Congress, Berlin, Germany. Symposium on "Post LASIK ectasia". Co-Chair.
- 2009 European Society for Cataract and Refractive Surgery (ESCRS), Barcelona, Spain. „Diagnostics and modern treatment options in keratoconus“. Course faculty
- 2009 Congress of the German Ophthalmic Surgeons (DOC), N rnberg, Germany. "Corneal ectasia". Course faculty.
- 2009 European Society for Cataract and Refractive Surgery (ESCRS), Barcelona, Spain. "Corneal collagen cross-linking". Course leader.
- 2009 102nd Swiss Ophthalmological Society (SOG), Lugano, Switzerland. „Cornal collagen cross-linking“. Course leader.
- 2009 5th International congress on corneal collagen cross-linking, Leipzig, Germany. Faculty.

2008	European Society for Cataract and Refractive Surgery (ESCRS), Berlin, Germany. "Corneal collagen cross-linking". Course faculty.
2008	European Society for Cataract and Refractive Surgery (ESCRS), Berlin, Germany. „Diagnostics and modern treatment options in keratoconus“. Course faculty.
2008	4th International congress on corneal collagen cross-linking, Dresden, Germany. Faculty.
2007	European Society for Cataract and Refractive Surgery (ESCRS), Stockholm, Sweden. "Corneal collagen cross-linking". Course faculty.
2007	3rd International congress on corneal collagen cross-linking, Zurich, Switzerland. Faculty.
2006	99th Swiss Ophthalmological Society (SOG), Lugano, Switzerland. „Corneal crosslinking with UVA and riboflavin“. Course leader.
2006	2nd International congress on corneal collagen cross-linking, Zurich, Switzerland. Faculty.
2005	Co-Founder and faculty, 1st International congress on corneal collagen cross-linking, Zurich, Switzerland.
2005	98th Swiss Ophthalmological Society (SOG), Interlaken, Switzerland. „Komplikationenmanagement in der Refraktiven Chirurgie“. Course leader.

CME

2017	Wetlab "CXL for Beginners". International CXL Experts Meeting. Zurich, Switzerland.
2017	Course "Introduction to Clinical Research". International CXL Experts Meeting. Zurich, Switzerland.
2017	"Corneal cross-linking". 2 nd edition. Slack, Inc, Thorofare, NJ. Editors: Farhad Hafezi, J. Bradley Randleman
2016	Chinese translation of "Corneal-collagen cross-linking", 1 st edition.
2012 – present	Head of Scientific Committee, Yearly international corneal cross-linking congress
2012	"Corneal-collagen cross-linking". Textbook. 1st edition, Slack, Inc, Thorofare, NJ. Editor: Farhad Hafezi.
2009	Co-Editor of a DVD-set "Basic techniques in oculoplastic surgery". Editors: Dion Paridaens, Farhad Hafezi and Willem van den Bosch. Rotterdam, The Netherlands and Zurich, Switzerland.

8. RESEARCH INTEREST

Basic research

Retina	Molecular mechanisms leading to retinal degeneration. <i>In vivo</i> -work in transgenic animal models for retinal degeneration and <i>ex vivo</i> in incubated retinas. Publication of several high-impact papers.
Cornea	Molecular mechanisms of corneal wound healing after refractive laser surgery. Advancing corneal cross-linking technology. Keratoconus and corneal biomechanics. Scleral cross-linking.

Clinical research

Cornea	Improvement of current ablation algorithms in refractive laser surgery. Establishment of new techniques for the management of complications after refractive laser surgery. Establishing the technique of collagen crosslinking (CXL) for the treatment of progressive keratoconus, iatrogenic keratectasia, and corneal infectious processes.
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9. CLINICAL EXPERTISE

Cornea	Refractive Surgery: LASIK, Femto-LASIK, PRK. Management of complications after refractive laser surgery. Corneal cross-linking.
Ant. segment	Cataract surgery, general corneal surgery, oculoplastic surgery

10. HONORS, AWARDS

MEDICAL

2016	PowerList 100, the most influential personalities in ophthalmology, "The Ophthalmologist", London.
2017	Best Paper of session "Refractive surgery". American Society for Cataract and Refractive Surgery, Los Angeles, USA
2017	Best Paper of session "Corneal cross-linking". American Society for Cataract and Refractive Surgery, Los Angeles, USA
2016	PowerList 100, the most influential personalities in ophthalmology, "The Ophthalmologist", London
2016	International El Maghrabi Award, MEACO (Middle Eastern African Council of Ophthalmology), Bahrein
2016	Gold medal, SAMIR (Société Marocaine de Chirurgie Réfractive et d'Implantologie), Morocco
2016	Honorary member of SHIOL, Hungary's Society for Cataract and Refractive Surgery
2015	Achievement Award, American Academy of Ophthalmology
2015	40 th Anniversary of the USC Eye Institute Los Angeles, Distinguished Speaker
2014	PowerList 100, the most influential personalities in ophthalmology, "The Ophthalmologist", London
2014	Best paper of session, Annual Meeting, American Society for Cataract and Refractive Surgery
2014	Casebeer Award, International Society of Refractive Surgery, American Academy of Ophthalmology
2014	Gold Medal, Intraocular Implant and Refractive Society of India (IIRSI)
2014	Amber Cornea, Polish Ophthalmological Society
2014	Carl Camras Translational Research Award by the ARVO Foundation, USA
2013	Kok van Alphen lecture, Keynote lecture, Meeting of the Dutch Ophthalmological Society
2012	INNOGAP award of the University of Geneva for creation of the most promising patent 2012
2012	VentureKick Stage 1 for promoting business ideas at Swiss Universities
2012	Innovation award of the Geneva University Hospitals
2011	David Easty Lecture, XIVth Bowman Club Meeting, Newcastle upon Tyne, GB
2011	Isaac Bekhor lecture, Doheny Eye Institute, University of Southern California Los Angeles, USA
2009	Keratoconus award of the Global Keratoconus Foundation
2007	Best scientific lecture at the Deutsche Gesellschaft für Intraokularlinsen und Implantologie (DGII), Potsdam, Germany
2007	Finalist for the Swiss Economic Award 2007 (last three in Hi-Tech)
2002	Georg Friedrich Götz Prize, the highest medical award of the University of Zurich
2001	Poster prize of the Swiss Ophthalmological Society for the best scientific work of the year
2000	Retinitis Pigmentosa research award from Retina Suisse and ProRetina Germany
2000	Jules Francois Prize of the Belgian Ophthalmological Society, the highest Belgian award for ophthalmology
1997	Cover article in "Nature Medicine"
1997	Alfred Vogt Prize of the Swiss Ophthalmological Society, the highest Swiss award for ophthalmology
1996	Poster prize of the Swiss Ophthalmological Society for the best scientific work of the year
1995	Poster prize of the Swiss Ophthalmological Society for the best scientific work of the year

INNOVATION

2014	Finalist Zuger Jungunternehmerpreis
2012	INNOGAP award of the University of Geneva for creation of the most promising patent 2012
2012	VentureKick Stage 1 for promoting business ideas at Swiss Universities
2012	Innovation award of the Geneva University Hospitals
2007	Finalist for the Swiss Economic Award 2007 (last three in Hi-Tech)

11. MEMBERSHIPS

NATIONAL

ZOG	Zürcher Ophthalmologische Gesellschaft
AGZ	Ärztegesellschaft Zürich
FMH	Foederatio Medicorum Helveticorum
SSO	Société suisse d'ophtalmologie

INTERNATIONAL

ARVO	Association for Research in Vision and Ophthalmology, USA
AAO	American Academy of Ophthalmology, USA
AECOS	American-European Council of Ophthalmic Surgery, USA.
ASCRS	American Society of Cataract and Refractive Surgery, USA
ISRS	International Society for Refractive Surgery
ESCRS	European Society of Cataract and Refractive Surgery, USA
EUCornea	European Society for Cornea Specialists
ISVO	International Society for Veterinary Ophthalmology, Ireland
SLTBR	Society for Light Treatment and Biological Rhythms, USA

12. OFFICIAL FUNCTIONS

2014 -	Chief Medical Advisor for EMAGine AG, Switzerland
2014 -	UK Cross-Linking Consortium, Honorary Overseas UK CXL Consultant
2012 -	Consultant for Schwind eye-tech solutions, Germany
2012 - 2016	Consultant for Ziemer Ophthalmics Group, Switzerland
2010 -	Editorial Board Member "Points de vue", Magazine Essilor S.A.
2009	Consultant for, STAAR Surgical AG, Nidau, Switzerland
2007 - 2010	Consultant for Reichert Ophthalmic Instruments Inc., Depew, New York, USA
2002 - 2003	Consultant for Alcon Inc, USA

12. SCIENTIFIC AND TECHNICAL

Associated Editor

Journal of Refractive Surgery. 2014 – ongoing.

Editorial Board Member

Current Eye Research. 2013 – 2016.

Translational Vision Science and Technology (TVST). 2014 – ongoing

The International Journal of Keratoconus and Ectatic Corneal Disease. 2013 – ongoing

Iranian Journal of Ophthalmology 2012 – ongoing.

Eye and Vision. 2016 – ongoing.

Ocular Surgery News Europe. 2012 – ongoing.

Advisory Boards

Global ONE Advisory Board (Educational Network), American Academy of Ophthalmology 2013-2017

International Advisory Board, Middle Eastern African Journal of Ophthalmology (MEAJO)

Poster Judge

American Society for Cataract and Refractive Surgery (ASCRS)

Other

Reviewer for the “Deutsche Forschungsgemeinschaft”; EUCornea delegate on a Global Delphi Panel for establishing guidelines on keratoconus; Selection Committee of the academic staff at the Democritus University of Thrace / Greece.,

Reviewer for the “Swiss National Foundation”, IOVS, Am J Ophthalmology, Br J Ophthalmology, et d’autres.

15. THESIS DIRECTOR, CO-DIRECTOR, SUPERVISION OF POST-DOCTORANDS

2017 – present	Post-Doctorand: Emilio Torres, Laboratory for Ocular Cell Biology & Biomechanics, University of Zurich
2014 – 2017	Post-Doctorand: Sabine Kling, Laboratory for Ocular Cell Biology & Biomechanics, University of Zurich
2014 - présent	MD thesis: Nico Chatzis, Division of Ophthalmology, Department of Clinical Neurosciences, University of Geneva, <i>"Long-term results of CXL in adolescent patients"</i>
2013 - 2014	MD thesis: Zsolt Varga, Division of Ophthalmology, Department of Clinical Neurosciences, University of Geneva, <i>"Chirurgie filtrante du glaucome: sécurité et efficacité"</i>
2013 – 2014	Post-Doctorand: Sabine Kling, Dept. of Ophthalmology, Geneva University Hospitals
2013 - 2017	MDPhD: Arthur Hammer, Division of Ophthalmology, Department of Clinical Neurosciences, University of Geneva, <i>"Prevention of corneal edema in corneal transplantation via collagen cross-linking."</i> SNF funded.
2011 - 2014	MDPhD: Olivier Richo, Division of Ophthalmology, Department of Clinical Neurosciences, University of Geneva, <i>"Mechanisms of corneal collagen cross-linking."</i> SNF funded.
2013 - 2014	MD thesis: Rany Mitwally, Division of Ophthalmology, Department of Clinical Neurosciences, University of Geneva, <i>"Evaluation de l'efficacité et de la morphologie de la sclérectomie profonde avec implant de collagène suprachoroïdale."</i>
2012 - 2013	MD thesis: Georgios Panos, Division of Ophthalmology, Department of Clinical Neurosciences, University of Geneva, <i>"Effect of ranibizumab on serous and vascular pigment epithelial detachments associated with exudative age-related macular degeneration."</i>
2012 - 2013	MD thesis: Shawn Jalali, Division of Ophthalmology, Department of Clinical Neurosciences, University of Geneva, <i>"Functional outcomes of corneal KAMRA inlays"</i>
2012	PhD: Carina Koppen. <i>"Corneal cross-linking and keratoconus - The change in treatment paradigm of keratoconus"</i> .
2012	Postdoctorand: Daniel Gibson. <i>"Molecular mechanisms of haze formation in the cornea"</i> .
2011 - 2012	MD thesis: Amr Aref, Division of Ophthalmology, Department of Clinical Neurosciences, University of Geneva, <i>"Sclérectomie profonde assistée par le système de CO2 laser"</i>

- 2000 - 2001 **MD thesis:** Mirjam D. Zimmermann, Dept. of Ophthalmology, University Hospital Zurich,
"Differentially expressed genes in light-induced photoreceptor degeneration in the presence and absence of c-fos"
- 2000 - 2001 **Post-Doctorand:** Dinu Stanescu, Dept. of Ophthalmology, University Hospital Zurich ,

PUBLICATION LIST

1.1 PEER-REVIEWED JOURNALS:

ORIGINAL ARTICLES, PUBLISHED OR ACCEPTED

1. Torres Netto EA, Al-Otaibi WM, Hafezi NL, Kling S, Al-Farhan HM, Randleman JB, Hafezi F. Prevalence of keratoconus in paediatric patients in Riyadh, Saudi Arabia. **Br J Ophthalmol**. 2018: Impact Factor: 3.8
2. Spiru B, Kling S, Hafezi F, Sekundo W. Biomechanical Properties of Human Cornea Tested by Two-Dimensional Extensometry Ex Vivo in Fellow Eyes: Femtosecond Laser-Assisted LASIK Versus SMILE. **J Refract Surg**. 2018. 34(6): 419-23
Impact factor: 3.7
3. Lang PZ, Thulasi P, Khandelwal SS, Hafezi F, Randleman JB. Comparing Change in Anterior Curvature after Corneal Cross-Linking Using Scanning-Slit and Schempflug Technology. **Am J Ophthalmol**. 2018: Impact factor: 5.1
4. Knyazer B, Krakauer Y, Baumfeld Y, Lifshitz T, Kling S, Hafezi F. Accelerated Corneal Cross-Linking With Photoactivated Chromophore for Moderate Therapy-Resistant Infectious Keratitis. **Cornea**. 2018: Impact Factor: 2.0
5. Haberman ID, Lang PZ, Broncano AF, Kim SW, Hafezi F, Randleman JB. Epithelial remodeling after corneal crosslinking using higher fluence and accelerated treatment time. **J Cataract Refract Surg**. 2018. 44(3): 306-12
Impact factor: 2.7
6. Ghaffari R, Mortazavi M, Anvari P, Salamat Rad A, Alipour F, Hafezi F, Asgari S, Hashemi H. Intraoperative optical coherence tomography to evaluate the effect of the eyelid speculum on corneal pachymetry during accelerated corneal cross-linking (9 mW/cm²). **Eye (Lond)**. 2018. 32(3): 579-85
Impact factor: 2.3
7. Tabibian D, Kling S, Hammer A, Richoz O, Hafezi F. Repeated Cross-linking After a Short Time Does Not Provide Any Additional Biomechanical Stiffness in the Mouse Cornea In Vivo. **J Refract Surg**. 2017. 33(1): 56-60
Impact factor: 3.7
8. Tabibian D, de Tejada BM, Gatziofias Z, Kling S, Meiss VS, Boldi MO, Othenin-Girard V, Chilin A, Lambiel J, Hoogewoud F, Hafezi F. Pregnancy-induced Changes in Corneal Biomechanics and Topography Are Thyroid Hormone Related. **Am J Ophthalmol**. 2017. 184: 129-36
Impact Factor: 5.1
9. Spiru B, Kling S, Hafezi F, Sekundo W. Biomechanical Differences Between Femtosecond Lenticule Extraction (FLEX) and Small Incision Lenticule Extraction (SMILE) Tested by 2D-Extensometry in Ex Vivo Porcine Eyes. **Invest Ophthalmol Vis Sci**. 2017. 58(5): 2591-95
Impact Factor: 3.3
10. Salmon B, Richoz O, Tabibian D, Kling S, Wuarin R, Hafezi F. CXL at the Slit Lamp: No Clinically Relevant Changes in Corneal Riboflavin Distribution During Upright UV Irradiation. **J Refract Surg**. 2017. 33(4): 281
Impact factor: 3.7
11. Miraftab M, Hashemi H, Hafezi F, Asgari S. Mid-Term Results of a Single Intrastromal Corneal Ring Segment for Mild to Moderate Progressive Keratoconus. **Cornea**. 2017. 36(5): 530-34
Impact factor: 2.0
12. Kling S, Spiru B, Hafezi F, Sekundo W. Biomechanical Weakening of Different Re-treatment Options After Small Incision Lenticule Extraction (SMILE). **J Refract Surg**. 2017. 33(3): 193-98
Impact factor: 3.7
13. Kling S, Hammer A, Netto EAT, Hafezi F. Differential Gene Transcription of Extracellular Matrix Components in Response to In Vivo Corneal Crosslinking (CXL) in Rabbit Corneas. **Transl Vis Sci Technol**. 2017. 6(6): 8
Impact factor: 2.2

14. Kling S, Hammer A, Conti A, Hafezi F. Corneal Cross-Linking with Riboflavin and UV-A in the Mouse Cornea in Vivo: Morphological, Biochemical, and Physiological Analysis. **Transl Vis Sci Technol**. 2017. 6(1): 7
Impact factor: 2.2
15. Kling S, Hafezi F. Biomechanical stiffening: Slow low-irradiance corneal crosslinking versus the standard Dresden protocol. **J Cataract Refract Surg**. 2017. 43(7): 975-79
Impact Factor: 2.7
16. Kling S, Hafezi F. An Algorithm to Predict the Biomechanical Stiffening Effect in Corneal Cross-linking. **J Refract Surg**. 2017. 33(2): 128-36
Impact factor: 3.7
17. Hafezi F, Gatziofufas Z, Angunawela R, Ittner LM. Absence of IL-6 prevents corneal wound healing after deep excimer laser ablation in vivo. **Eye (Lond)**. 2017:
Impact Factor: 2.3
18. Ghaffari R, Mortazavi M, Anvari P, Salamat Rad A, Alipour F, Hafezi F, Asgari S, Hashemi H. Intraoperative optical coherence tomography to evaluate the effect of the eyelid speculum on corneal pachymetry during accelerated corneal cross-linking (9 mW/cm(2)). **Eye (Lond)**. 2017:
Impact Factor: 2.3
19. Bortolotto T, Ryabova A, Nerushay I, Kling S, Hafezi F, Garcia-Godoy F, Krejci I. Effects of riboflavin, calcium-phosphate layer and adhesive system on stress-strain behavior of demineralized dentin. **Am J Dent**. 2017. 30(4): 179-84
Impact Factor: 0.8
20. Peyman A, Nouralishahi A, Hafezi F, Kling S, Peyman M. Stromal Demarcation Line in Pulsed Versus Continuous Light Accelerated Corneal Cross-linking for Keratoconus. **J Refract Surg**. 2016. 32(3): 206-08
Impact factor: 3.7
21. Mirafteb M, Hashemi H, Hafezi F, Asgari S. Mid-Term Results of a Single Intrastromal Corneal Ring Segment for Mild to Moderate Progressive Keratoconus. **Cornea**. 2016:
Impact factor: 1.8
22. Gatziofufas Z, Raiskup F, O'Brart D, Spoerl E, Panos GD, Hafezi F. Transepithelial Corneal Cross-linking Using an Enhanced Riboflavin Solution. **J Refract Surg**. 2016. 32(6): 372-7
Impact factor: 3.3
23. Gallhoefer NS, Spiess BM, Guscetti F, Hilbe M, Hartnack S, Hafezi F, Pot SA. Penetration depth of corneal cross-linking with riboflavin and UV-A (CXL) in horses and rabbits. **Vet Ophthalmol**. 2016. 19(4): 275-84
Impact factor: 1.7
24. da Cruz L, Dorn JD, Humayun MS, Dagnelie G, Handa J, Barale PO, Sahel JA, Stanga PE, Hafezi F, Safran AB, Salzmann J, Santos A, Birch D, Spencer R, Cideciyan AV, de Juan E, Duncan JL, Elliott D, Fawzi A, Olmos de Koo LC, Ho AC, Brown G, Haller J, Regillo C, Del Priore LV, Arditi A, Greenberg RJ, Argus IISG. Five-Year Safety and Performance Results from the Argus II Retinal Prosthesis System Clinical Trial. **Ophthalmology**. 2016. 123(10): 2248-54
Impact factor: 6.8
25. Stanescu-Segall D, Birke K, Wenzel A, Grimm C, Orgul S, Fischer JA, Born W, Hafezi F. PAX6 Expression and Retinal Cell Death in a Transgenic Mouse Model for Acute Angle-Closure Glaucoma. **J Glaucoma**. 2015:
Impact Factor: 2.4
26. Pot SA, Gallhofer NS, Walser-Reinhardt L, Hafezi F, Spiess BM. Treatment of bullous keratopathy with corneal collagen cross-linking in two dogs. **Vet Ophthalmol**. 2015. 18(2): 168-73
Impact Factor: 0.7
27. Mansouri K, Pajic B, Hafezi F. Effect of cigarette smoking on intraocular pressure. **J Cataract Refract Surg**. 2015. 41(3): 682-3
Impact Factor: 2.6
28. Kling S, Richoz O, Hammer A, Tabibian D, Jacob S, Agarwal A, Hafezi F. Increased Biomechanical Efficacy of Corneal Cross-linking in Thin Corneas Due to Higher Oxygen Availability. **J Refract Surg**. 2015. 31(12): 840-6
Impact factor: 3.5
29. Ho AC, Humayun MS, Dorn JD, da Cruz L, Dagnelie G, Handa J, Barale PO, Sahel JA, Stanga PE, Hafezi F, Safran AB, Salzmann J, Santos A, Birch D, Spencer R, Cideciyan AV, de Juan E, Duncan JL, Elliott D, Fawzi A, Olmos de

- Koo LC, Brown GC, Haller JA, Regillo CD, Del Priore LV, Arditì A, Geruschat DR, Greenberg RJ, Argus IISG. Long-Term Results from an Epiretinal Prosthesis to Restore Sight to the Blind. **Ophthalmology**. 2015. 122(8): 1547-54
Impact factor: 6.8
30. Hashemi H, Mirafteb M, Seyedian MA, Hafezi F, Bahrmány H, Heidarian S, Amanzadeh K, Nikbin H, Fotouhi A, Asgari S. Long-term results of an accelerated corneal cross-linking protocol 18mW/cm for the treatment of progressive keratoconus. **Am J Ophthalmol**. 2015:
Impact factor: 3.9
 31. Hashemi H, Mirafteb M, Hafezi F, Asgari S. Matched Comparison Study of Total and Partial Epithelium Removal in Corneal Cross-linking. **J Refract Surg**. 2015. 31(2): 110-5
Impact factor: 2.8
 32. Hammer A, Kling S, Boldi MO, Richoz O, Tabibian D, Randleman JB, Hafezi F. Establishing Corneal Cross-Linking With Riboflavin and UV-A in the Mouse Cornea In Vivo: Biomechanical Analysis. **Invest Ophthalmol Vis Sci**. 2015. 56(11): 6581-90
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7. CITATION REPORT (GOOGLE SCHOLAR)

a. Total number of articles	224
b. Total number of citations	7'159
c. H Index	44
d. Cumulative Impact Factor	602.8

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