

| Current & New Chairs: Theo Seiler / Sabine Kling | | |
|--|---|-----------------------------------|
| 16.15 | New Brillouin data | Theo Seiler (Switzerland) |
| 16.25 | Cross-Linking Biomechanical Effect in Human Corneas... | A. John Kanellopoulos (Greece) |
| 16.35 | Enzymatic Resistance of Corneas Crosslinked Using Riboflavin... | Sally Hayes (UK) |
| 16.45 | Stress-strain measurements and hydration | Theo Seiler (Switzerland) |
| 16.55 | Influence of beam profile on changes of corneal topography... | Robert Herber (Germany) |
| 17.03 | The DUCK-score: A weighted compound score to improve... | Robert Wisse (Netherlands) |
| 17.11 | Brillouin Microscopic Imaging to Detect Biomechanical Changes | J. Bradley Randleman (USA) |
| 17.19 | Quantitative alterations in nerve morphology differentiate... | Pallak Kusumgar (India) |
| 17.27 | Comparison of corneal riboflavin gradients using dextran & HPMC | Theo G. Seiler (USA) |
| 17.35 | Age-specific incidence and prevalence of keratoconus... | Daniel Godefrooij (Netherlands) |
| 17.43 | Long-term corneal biomechanical results and histology... | Jurriaan Brekelmans (Netherlands) |
| 17.51 | Long Term Analysis of CXL in Patients Treated with Dextran... | Patrick Rapuano (USA) |
| 17.59 | Flexible elastomer optical waveguide for scleral crosslinking | Moonseok Kim (USA) |
| 18.07 | Differential gene expression of ECM-related genes after CXL... | Sabine Kling (Switzerland) |
| 18.15 | Correlation between central stromal demarcation line depth... | Gerald Schmidinger (Austria) |
| 18.23 | Discussion | |
| 18.40 | The Theo Seiler Award | Scientific committee |
| 18.45 | Final remarks | Farhad Hafezi (Switzerland) |

Poster

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| Multiphoton tomography: a new imaging modality for corneal evaluation | Ana Batista (Germany) |
| The stability of the cornea after corneal cross-linking in pregnant women | Maja Bohac (Croatia) |
| Differential molecular signature in cone vs periphery and its impact on customised crosslinking | Natasha Pahuja (India) |
| Preliminary topographic results of accelerated pulsed light irradiation comparing with Dresden protocol | Nicolas Alejandre Alba (Spain) |
| Combined transepithelial photorefractive keratectomy and corneal collagen cross-linking for visual... | Vijaj Anand (England) |
| A case study: the flattening effect of epi-on cross-linking | Tetyana Tabalyuk (Ukraine) |
| Efficacy of pre-operative collagen cross linking (CXL) of human corneal transplants ex vivo: a pilot study | Gerald Schmidinger (Austria) |
| Next-generation corneal topography using high speed anterior segment OCT | Abhijit Sinha Roy (India) |
| Evaluation of topical therapeutic corneal tissue cross-linking using sodium hydroxymethylglycinate... | Mariya Zyablitskaya (USA) |
| Higher order optical aberrations and vision in a randomized controlled trial on transepithelial versus... | Daniel Goedefrooij (Netherlands) |
| Cost-effectiveness of corneal crosslinking for progressive keratoconus | Daniel Goedefrooij (Netherlands) |
| Ocular Surface Disease Parameters after Corneal Cross-Linking for Keratoconus | Jose Ignacio Recalde (Spain) |
| Autorefracton versus subjective refraction in keratoconus patients | Nienke Soeters (Netherlands) |
| What are the costs of corneal crosslinking for the treatment of progressive keratoconus? | Daniel Goedefrooij (Netherlands) |
| Corneal transparency course after corneal collagen cross linking for keratoconus | Fanka Gilevska (Macedonia) |
| The results of simultaneous on both eyes corneal collagen crosslinking | Timur Churakov (Russian Federation) |
| Regional variation of biomechanical properties in ectatic eyes | Daniela Oehring (England) |
| Corneal Imaging and Densitometry Measurements in Juvenile Keratoconus Patients to Monitor Disease... | Khaled Alzahrani (England) |
| Clinical progression parameters leading to a corneal crosslinking indication | Nayyirih de Koning-Tahzib (Netherlands) |

International
CXLU 2016
Experts' Meeting

Organized by:

LIGHT
FOR SIGHT

Friday, December 2, 2016

Main Course (Grand Ballroom)

Basics

Chairs: Eberhard Spoerl / J. Bradley Randleman

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|-------|-----------------------------------|---------------------------------|
| 09.00 | Fluence and corneal thickness | Eberhard Spoerl (Germany) |
| 09.20 | Riboflavin, oxygen, and light | Sabine Kling (Switzerland) |
| 09.40 | Corneal Biomechanics | BJ Dupps (USA) |
| 10.00 | Smart patient selection | J. Bradley Randleman (USA) |
| 10.20 | Scheimpflug imaging for detecting | Fernando Faria Correia (Brazil) |

10.40-11.00 Coffee Break

CXL Protocols 1

Chairs: Frederik Raiskup / Theo Seiler

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|-------|------------------------------|--------------------------------|
| 11.00 | Keratoconus | Frederik Raiskup (Germany) |
| 11.20 | Structural changes after CXL | Cosimo Mazzotta (Italy) |
| 11.40 | Customized CXL | Theo Seiler (Switzerland) |
| 12.00 | CXL Plus I | A. John Kanellopoulos (Greece) |

12.30-14.00 Lunch

CXL Protocols 2

Chairs: A. John Kanellopoulos/ Carina Koppen

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|-------|---------------------------------|---------------------------|
| 14.00 | CXL Plus II | Theo Seiler (Switzerland) |
| 14.20 | Epi-on and epi-off applications | Carina Koppen (Belgium) |
| 14.40 | Iontophoresis | Paolo Vinciguerra (Italy) |

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|-------|---------------------------------|-----------------------------|
| 15.00 | PACK-CXL for corneal infections | Farhad Hafezi (Switzerland) |
| 15.20 | CXL complication management | Paolo Vinciguerra (Italy) |

15.40-16.00 Coffee Break

Company Courses

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| 16.00 | Schwind eye-tech solutions | |
| 16.20 | EMAGine AG | |
| 16.40 | LightforSight21 | |

18.30 Congress Dinner

Sponsors

Silver

Bronze

French Course (Room London)

Chairs: Carina Koppen / François Malecaze

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|-------|----------------------------------|----------------------------|
| 08.30 | Fluence, illumination, profiles | François Malecaze (France) |
| 08.50 | Riboflavine, oxygène, et lumière | Sabine Kling (Suisse) |
| 09.10 | Keratocône | François Malecaze (France) |
| 09.30 | Epi- on et epi-off | Carina Koppen (Belgique) |
| 09.50 | PACK-CXL: kératites infectieuses | Farhad Hafezi (Suisse) |

10.10-10.30 Pause Café

Veterinary Course (Room London)

Chairs: Simon Pot / Jes Mortensen

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|-------|---|-----------------------------|
| 10.30 | Adapting CXL technology | Simon Pot (Switzerland) |
| 10.50 | PACK-CXL for infectious keratitis in horses | Jes Mortensen (Sweden) |
| 11.10 | CXL accéléré pour la kératopathie bulleuse | Frank Famose (France) |
| 11.30 | Optimization du protocole PACK-CXL | Farhad Hafezi (Switzerland) |
| 11.50 | Les résultats cliniques I | Frank Famose (France) |
| 12.10 | Clinical results II | Simon Pot (Switzerland) |

12.30-14.00 Lunch / Déjeuner

Saturday, December 3, 2016

Scientific Program (Grand Ballroom)

CXL ectasia *Chairs: Frederik Raiskup / Kevin Pierre*

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| 08.30 | Pulsed CXL clinical study | Alireza Peyman (Iran) |
| 08.40 | Transepithelial CXL Using an Enhanced Riboflavin Solution | Frederik Raiskup (Germany) |
| 08.50 | New transepithelial solution | David O'Brart (England) |
| 09.00 | Epi-on iontophoresis CXL. Latest clinical data | Paolo Vinciguerra (Italy) |
| 09.10 | Corneal Cross-Linking for Pediatric Keratoconus: Long-Term... | Robert Wisse (The Netherlands) |
| 09.20 | Customized Corneal Crosslinking- One Year Results | Theo Günter Seiler (Switzerland) |
| 09.30 | New nomogram to treat extremely thin KC corneas: theory | Sabine Kling (Switzerland) |
| 09.40 | New nomogram to treat extremely thin KC corneas: clinical... | Farhad Hafezi (Switzerland) |
| 09.50 | Model-based prediction of crosslinking outcomes | BJ Dupps (USA) |
| 10.00 | Keratoconus Progression in Patients with Allergy and Elevated... | Cosimo Mazzotta (Italy) |

10.10-10.40 Coffee Break

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|-------|---|---------------------------|
| 10.40 | CXL for Progressive Keratoconus: Results US Phase III Study | Rajesh Rajpal (USA) |
| 10.48 | Customized topography-guided CXL for keratoconus | Kevin Pierre (France) |
| 10.56 | Accelerated versus Standard CXL in Pediatric Keratoconus | Ozge Sarac (Turkey) |
| 11.04 | Customized corneal crosslinking using different UVA beam profiles | Natasha Pahuja (India) |
| 11.12 | Accelerated corneal collagen cross-linking for keratoconus | Marcello Leucci (England) |
| 11.20 | Cross-linked corneas assessment using multiphoton tomography | Karsten König (Germany) |
| 11.28 | Corneal Crosslinking (CXL) Without Removal of the Epithelium | Doyle Stulting (USA) |
| 11.36 | Discussion | |

12.00-13.15 Lunch

PACK-CXL *Chairs: Boris Knaizer / Farhad Hafezi*

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|-------|---|-----------------------------|
| 13.15 | First results of the PACK-CXL prospective multicenter trial | Farhad Hafezi (Switzerland) |
| 13.25 | Accelerated PACK-CXL for therapy-resistant infectious keratitis | Boris Knaizer (Israel) |
| 13.33 | Evaluation of PACK-CXL for Treatment of Fungal Keratitis | Jawaher Alshehri (England) |
| 13.41 | Efficacy of Collagen Crosslinking in Bacterial Keratitis | Madhu Uddaraju (India) |
| 13.49 | CXL for the treatment of Moderate Bacterial Corneal Ulcers | Shahram Bamdad (Iran) |
| 14.00 | Discussion | |

14.15-14.30 Congress Photoshoot

CXL Plus *Chairs: John Marshall / Theo G. Seiler*

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|-------|--|--------------------------------|
| 14.30 | Biomechanics of PiXL | John Marshall (UK) |
| 14.40 | Interface bonding with CXL after LASIK | Theo G. Seiler (USA) |
| 14.48 | Post-LASIK ectasia: Understanding mechanistic pathway... | Kanchan Sainani (India) |
| 14.56 | Changes in Biomechanically corrected IOP and Dynamic Corneal ... | David Sung Yong Kang (England) |
| 15.04 | Customized CXL for the Treatment of Myopic Refractive Error | Matthias Elling (Germany) |
| 15.12 | Lasik Xtra: What is shown by the peer reviewed literature? | Grace Lytle (USA) |
| 15.20 | CXL for Corneal Ectasia following Refractive Surgery | Alexandra Nicklin (USA) |
| 15.28 | Discussion | |

15.45-16.15 Coffee Break