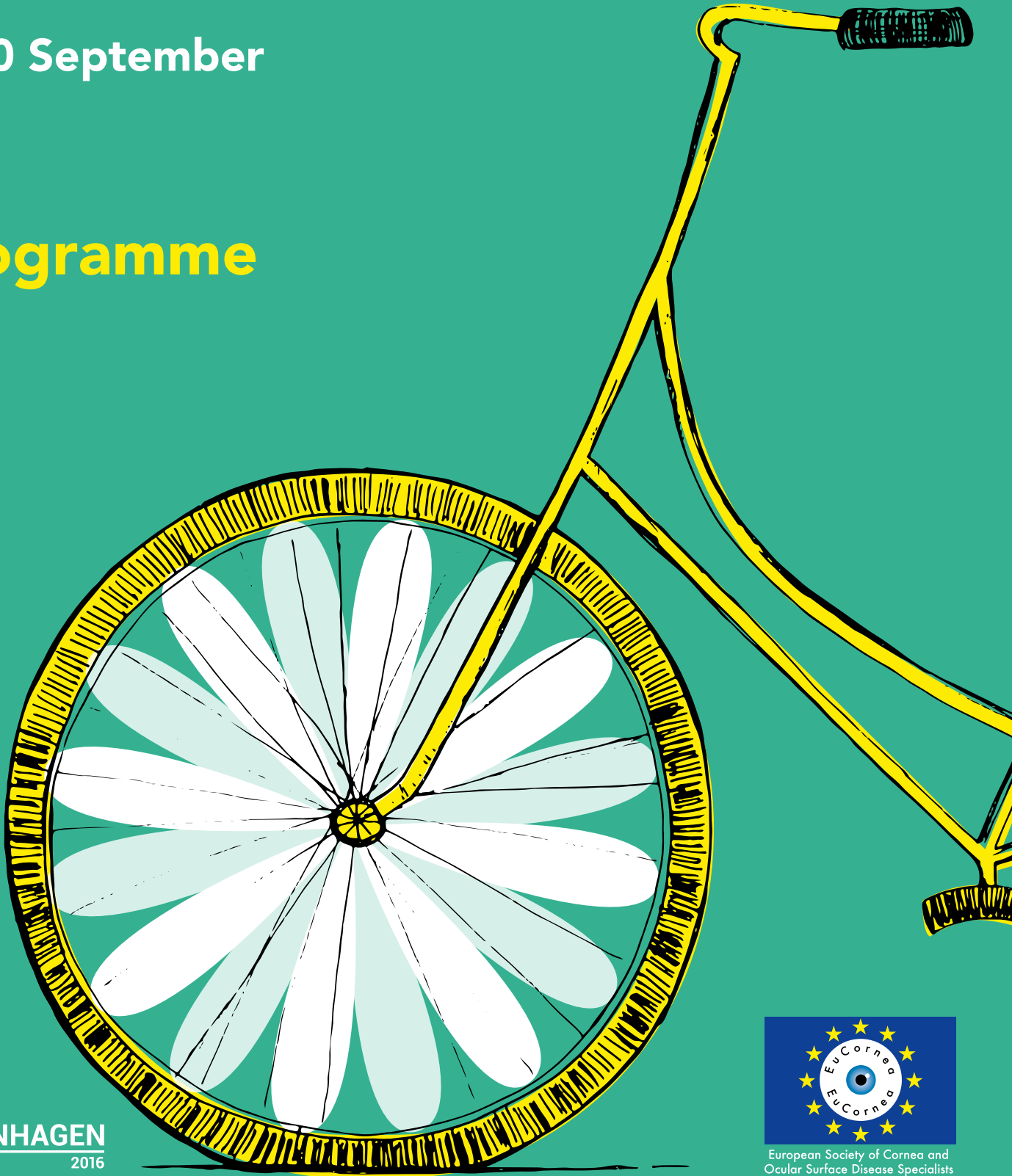


7th EuCornea Congress **COPENHAGEN** 2016

9–10 September

Programme



COPENHAGEN
2016





8th EuCornea Congress

LISBON 2017

6–7 October

FIL – International Fair of Lisbon, Portugal

www.eucornea.org

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Message from the President



EuCornea
Temple House
Temple Road
Blackrock
Co. Dublin
Ireland

Dear Colleagues

On behalf of the Board and Officers of EuCornea, it is my great pleasure to welcome you to Copenhagen for the 7th EuCornea Congress.

Over the course of the next two-days delegates will enjoy a choice of excellent sessions. The latest developments in Cornea and Ocular Surface Disease will be presented by leaders in the field, in the four Symposia, eight Focus Sessions, four Instructional Courses and six Free Paper Sessions. As part of the abstract presentations, delegates can look forward to the interactive sessions that will be taking place at the poster village on Friday.

The EuCornea Medal lecture will take place during the Opening Ceremony on Friday at 4pm. This year, this esteemed lecture will be presented by Prof. Paolo Rama on the topic of 'Cultivated Stem-cells for Ocular Surface Disorders: Current Application and Future Perspectives'.

EuCornea is delighted to be once again partnering its annual meeting with the XXXIV Congress of the ESCRS, the 16th EURETINA Congress and the WSPOS Sub-Specialty Day. As part of this collaboration, a joint EuCornea/ ESCRS session will take place on Saturday on the topic of 'Modern Corneal Transplantation'.

I am privileged to have been President of EuCornea for the past two years and would like to take this opportunity to thank you all for participating in my final EuCornea Congress as President. It has been rewarding to see the EuCornea Congress develop over the past few years. I look forward to seeing the society grow in the future.

Finally I wish you all a wonderful congress and hope that you enjoy your stay in Copenhagen.

A handwritten signature in black ink, consisting of a stylized 'F' and 'M' joined together.

Francois Malecaze
President, EuCornea

Friday 9 September

	Hall H1	Hall H3	Hall H2
08.00			
09.00	FREE PAPER SESSION 1 Corneal Transplantation	FREE PAPER SESSION 2 Basic Science	FREE PAPER SESSION 3 Infections and Inflammation
10.00	Focus Session: 1 Anterior Lamellar Keratoplasty <i>V. Sarnicola & P. Fournié</i>	Focus Session: 2 Corneal Translational Research <i>T. Fuchsluger & B. Malyugin</i>	
11.00	BREAK		
12.00	Focus Session: 3 Management of Corneal Astigmatism <i>F. Malecaze, K. Krootila & D. Reinstein</i>	Focus Session: 4 Aniridia <i>P. Fagerholm & N. Lagali</i>	
13.00	LUNCH		
14.00		Industry Sponsored Satellite Meeting	Industry Sponsored Satellite Meeting
15.00	Main Symposium 1 Corneal Infections <i>J. Dart & M. Labetoulle</i>	Instructional Course 1 Preparation of Lamellar Grafts in an Eye Bank Setting - European Eye Bank Association (EEBA) <i>J. Hjortdal & B. Bachmann</i>	
16.00	BREAK		AGM (Members Only)
17.00	Opening Ceremony		
18.00	Main Symposium 2 Challenging Cases presented by the Experts <i>H. Dua, B. Allan & S. Hannush</i>	Instructional Course 2 Lamellar Complications <i>J. Güell & R. Nuijts</i>	
19.00	Welcome Reception		

Saturday 10 September

	Hall H1	Hall H2	Room B4	Room B12
08.00				
09.00	FREE PAPER SESSION 4 Keratoconus and Collagen Cross-Linking	FREE PAPER SESSION 5 Corneal Transplantation	FREE PAPER SESSION 6 Ocular Surface	
10.00	Focus Session: 5 Ocular Injuries <i>B. Frueh & K. Klemp</i>	Focus Session: 6 Immunology in Corneal Transplantation <i>J. Hjortdal & J. Armitage</i>		
11.00	BREAK			
12.00	Joint Symposium 3 with ESCRS Modern Corneal Transplantation <i>R. Nuijts & F. Malecaze</i>	Focus Session: 7 Dry Eye Disease <i>D. Epstein & S. Heegaard</i>		
13.00	LUNCH			
14.00		Industry Sponsored Satellite Meeting		Industry Sponsored Satellite Meeting
15.00	Focus Session: 8 Current Corneal Controversies <i>B. Cochener & B. Samolov</i>	Instructional Course 3 DMEK: How I do it <i>F. Kruse & J. Güell</i>		
16.00	BREAK			
17.00	Main Symposium 4 Corneal Complications of Refractive Surgery <i>J. Güell & A. Ivarsen</i>	Instructional Course 4 Corneal Suturing <i>H. Dua & D.G. Said</i>		
18.00				

OPENING CEREMONY

Friday 9 September

Hall H1

16.00 – 17.00

- 16.00 **F. Malecaze** *FRANCE, PRESIDENT, EUCORNEA*
 Introduction and Welcome Address
- 16.05 **J. Hjortdal** *DENMARK*
PAST-PRESIDENT OF THE DANISH OPHTHALMOLOGICAL SOCIETY
- 16.10 **P. Rama** *ITALY*
 EuCornea Medal Lecture
- 16.40 **F. Malecaze** *FRANCE*
 Presentation of EuCornea Medal
- 16.45 **F. Kruse** *GERMANY*
 Presentation of Plaque
- 16.50 **F. Malecaze** *FRANCE*
 Best Poster Award
- 16.55 Closing Remarks
- 17.00 End of Session

EuCornea Medal Lecture



Cultivated Stem-cells for Ocular Surface Disorders: Current Application and Future Perspectives

Paolo Rama *ITALY*

Born on March 6, 1959 in Feltre. He graduated in Medicine and Surgery in 1985 at Padua University and became a Specialist in Ophthalmology in 1989 at the University of Modena.

He obtained a "Research Fellowship" (1991/1992) at the Wilmer Institute of the Johns Hopkins University, Baltimore.

From 1988 up to 1993 he was Assistant at the Ophthalmology Unit of Mestre Hospital; from 1993 to 2000 he moved to Venice Hospital as Chief of the Corneal and Ocular Surface Disease Service and of Reconstructive Plastic Surgery.

From September 2000 to November 2005 he was Chief of the Corneal and Ocular Surface Disease Service at the San Raffaele Scientific Institute; from November 1, 2005

to 2009 he was Director of the Department of Ophthalmology at San Raffaele Scientific Institute.

Since November 2009 the Ophthalmology Department has been divided into two separate Units and he has been nominated Director of the Cornea and Ocular Surface Unit.

From 1986 to 1996 he went to Africa on several occasions as a volunteer.

His main fields of competence are corneal and ocular surface diseases and infectious pathologies.

He was the first person to apply the NGF eye-drop treatment in patients affected by neurotrophic corneal ulcers: results published in The New England Journal of Medicine (1998).

He was also one of the first surgeons to transplant cultured

corneal limbal epithelial stem cells: preliminary results were published in the Transplantation Journal (2001) and long term results have been published recently in The New England Journal of Medicine (2010).

He is a member and consultant of the Scientific Committee of the "Banca degli Occhi del Veneto"; his active contribution has been important for its development and growth.

He has attended numerous national and international congresses as a guest speaker and surgeon and has published more than 100 scientific papers (both in Italian and English) together with 49 peer-reviewed articles.

He has also contributed to the publication of six books (three of which were published in the USA).

Friday 9 September

Hall H1

08.00 – 09.00

Free Paper Session 1

Corneal Transplantation

Moderator: P. Fournié *FRANCE*
V. Sarnicola *ITALY*

- 08.00 **P. Stodulka, M. Horackova, M. Sramka** *CZECH REPUBLIC*
Hydroseparation of descemet membrane endothelial graft for DMEK
- 08.10 **J. Alió del Barrio, J. Alio y Sanz, M. El Zaif, M. de Miguel, N. Makdisi, W. Harb** *SPAIN*
Human autologous adipose derived stem cells are a source for cell therapy and regenerative medicine of the corneal stroma
- 08.20 **M. Bhogal, B. Allan, J. Mehta** *SINGAPORE*
Graft viability in endothelial keratoplasty – new tools to assess cell damage at all stages of transplantation
- 08.30 **T. Garcin, G. Thuret, E. Calyaka, G. Hor, P. Herbepin, P. Gain** *FRANCE*
Specular microscopy of long term stored corneas in an innovative bioreactor
- 08.40 **M. Price, F. Price, P. Calhoun, C. Kollman, J. Lass** *USA*
Ten year endothelial cell loss with descemet stripping endothelial keratoplasty (DSEK) compared with penetrating keratoplasty in the cornea donor study
- 08.50 **F. Price** *USA*
How intraoperative OCT helps with anterior segment surgery, especially DMEK
- 09.00 End of Session

Hall H3

08.00 – 09.00

Free Paper Session 2

Basic Science

Moderators: H. Dua *UK*
T. Fuchsluger *GERMANY*

- 08.00 **D. Patel, A. Sisley, J. Zhang, C. McGhee** *NEW ZEALAND*
Seeding a novel collagen scaffold with keratocytes to emulate corneal stroma
- 08.08 **N. Zakaria, S. Matthyssen, E. Ferraris, J. Patterson, M. Tassignon** *BELGIUM*
Cellularisation of 3D printed recombinant human collagen type III scaffolds using keratocytes and corneal MSCs
- 08.16 **S. Mahajan, D. Thieme, F. Kruse, T. Fuchsluger** *GERMANY*
Screening of apoptosis markers in human corneal cells
- 08.24 **A. Hammer, A. Conti, S. Kling, O. Richoz, D. Tabibian, F. Hafezi** *SWITZERLAND*
Evaluation of the inflammatory response following excimer laser treatment with identical ablation profiles, using different irradiances
- 08.32 **A. Gruenert, S. Sousa, M. Czugala, F. Kruse, G. Geerling, T. Fuchsluger** *GERMANY*
The effect of lutein based dyes on corneal endothelial cell viability
- 08.40 **G. Thuret, Z. He, F. Forest, A. Jun, L. Kallay, M. Peoch, P. Gain** *FRANCE*
New evidence suggesting that the central endothelium presents features of peripheral endothelium in fuchs endothelial corneal dystrophy
- 08.48 **M. Czugala, O. Mykhaylyk, S. Wesselborg, F. Kruse, C. Plank, T. Fuchsluger** *GERMANY*
Magnetic nanoparticles for targeted antiapoptotic gene therapy of corneal endothelial cells
- 09.00 End of Session

Friday 9 September

Hall H2

08.00 – 09.00

Free Paper Session 3

Infections and Inflammation

Moderators: J. Dart *UK*
M. Labetoulle *FRANCE*

- 08.00 **M. Saldanha, A. Tam, E. Cote, A. Slomovic, A. Lichtinger** *CANADA*
Shifting trends in bacterial keratitis in Toronto – a 16 year review
- 08.10 **I. Sobral, A. Martins, A. Russo, E. Costa, A. Rosa, M. Quadrado, J. Murta** *PORTUGAL*
Infectious keratitis results at a tertiary referral centre – nine year results
- 08.20 **S. Tan, A. Walkden, A. Qamruddin, A. Hamilton, L. Au, A. Brahma, F. Carley** *UK*
Twelve year analysis of microbial keratitis trends at a tertiary hospital – the Manchester experience
- 08.30 **E. Pedrotti, M. Passilongo, E. Bruni, S. Ficial, A. Fasolo, G. Marchini** *ITALY*
Confocal microscopy for diagnosis and management of fungal keratitis
- 08.40 **S. Farrell, C. Murphy, S. Knowles** *IRELAND*
Fungal keratitis in the Republic of Ireland – a nationwide review of all cases of fungal keratitis over a six year period
- 08.50 **A. Verma, D. Chauhan, D. Tuli, D. Jaryal, D. Sood** *INDIA*
Fungi as a cause of keratitis – a case series from a subHimalayan rural referral centre
- 09.00 End of Session

Hall H1

09.00 – 10.30

Focus Session 1

Anterior Lamellar Keratoplasty

Moderators: P. Fournié *FRANCE*
V. Sarnicola *ITALY*

- 09.00 **E.J. Holland** *USA*
Why prefer DALK over PK – outcomes and new indications
- 09.13 **P. Fournié** *FRANCE*
DALK standard technique – cannula-DALK vs needle-DALK
- 09.26 **R. Nuijts** *THE NETHERLANDS*
DALK – tips and tricks
- 09.39 **V. Sarnicola** *ITALY*
All the ruptures can be fixed
- 09.52 **R. Fogla** *INDIA*
DALK as much as possible – all the indications
- 10.05 **S. Hannush** *USA*
Big bubble DALK – corneal layers
- 10:18 Discussion
- 10.30 End of Session

Friday 9 September

Hall H3

09.00 – 10.30

Focus Session 2

Corneal Translational Research

Moderators: T. Fuchsluger *GERMANY*
B. Malyugin *RUSSIA*

- 09.00 **S. Deng** *USA*
Standardisation of limbal stem cell culture for transplantation
- 09.15 **J. Mehta** *SINGAPORE*
Ex vivo migration of corneal endothelial cells
- 09.30 **S. Kinoshita** *JAPAN*
The clinical research on corneal endothelial cell injection therapy
- 09.45 **T. Fuchsluger** *GERMANY*
Nanofiber-based biomatrix for ocular surface reconstruction
- 10.00 **K. Tonaeva** *RUSSIA*
Cell therapy with limbal MMSCs to prevent corneal graft rejection
- 10.15 Discussion
- 10.30 End of Session

Hall H1

11.00 – 12.30

Focus Session 3

Management of Corneal Astigmatism

Moderators: K. Krootila *FINLAND*
F. Malecaze *FRANCE*
D. Reinstein *UK*

- 11.00 **P. Vinciguerra** *ITALY*
Correcting astigmatism by subtractive refractive surgery
- 11.15 **D. Reinstein** *UK*
Correcting irregular corneal astigmatism
- 11.30 **L. Laroche** *FRANCE*
Corneal incisional surgery – intrastromal and arcuate and T-cut techniques
- 11.40 **N. Alpins** *AUSTRALIA*
Surgically induced astigmatism and flattening effect for cataract surgery
- 11.55 **L. Kessel** *DENMARK*
Managing corneal astigmatism with intraocular surgery
- 12.05 **L. Gauthier** *FRANCE*
Total astigmatism versus anterior astigmatism of the cornea: discovery or return to the evidence?
- 12.15 Discussion
- 12.30 End of Session

Friday 9 September

Hall H3

11.00 – 12.30

Focus Session 4

Aniridia

Moderators: P. Fagerholm *SWEDEN*
N. Lagali *SWEDEN*

- 11.00 **U. Edén** *SWEDEN*
Aniridia –the disease
- 11.15 **P. Fagerholm** *SWEDEN*
The development of the keratopathy
- 11.30 **N. Lagali** *SWEDEN*
What is happening in the cornea – in vivo confocal microscopy aspects
- 11.45 **R. Ihnatko** *SWEDEN*
Protein content in the tears – a clue to a treatment?
- 12.00 **A.J. Shortt** *UK*
Clinical management of aniridia related keratopathy
- 12.15 Discussion
- 12.30 End of Session

Hall H1

14.00 – 15.30

Main Symposium 1

Corneal Infections

Moderators: J. Dart *UK*
M. Labetoulle *FRANCE*

- 14.00 **M. Burton** *UK*
How to make the diagnosis?
- 14.20 **F. Hafezi** *SWITZERLAND*
Treatment controversies in bacterial keratitis
- 14.40 **N. Sharma** *INDIA*
Fungal keratitis – optimising therapy
- 15.00 **J. Dart** *UK*
Acanthamoeba keratitis – diagnostic and management solutions
- 15.20 Discussion
- 15.30 End of Session

Friday 9 September

Hall H3

14.00 – 15.30

Instructional Course 1

Preparation of Lamellar Grafts in an Eye Bank setting

Organised by EEBA (European Eye Bank Association)

Moderator: **B. Bachmann** *GERMANY*
J. Hjortdal *DENMARK*

- 14.00 **D. Ponzin, A. Ruzza** *ITALY*
Preparation of ultra-thin DSAEK grafts – tips and tricks
- 14.15 **E. Groeneveld-van Beek** *THE NETHERLANDS*
Precut tissues for DMEK-PRO
- 14.30 **S. Heinzelmann** *GERMANY*
Precut tissues for DMEK-CONTRA
- 14.45 **F. Kruse** *GERMANY*
Quality and donor criteria for posterior lamellar grafts
- 15.00 **V. Borderie** *FRANCE*
Quality and donor criteria for anterior lamellar grafts
- 15.15 **B. Bachmann** *GERMANY*
Multiple grafts from one donor button – organization, traceability, legal aspects and preparation methods
- 15.30 End of Session

Hall H1

17.00 – 18.30

Main Symposium 2

Challenging Cases presented by the experts

Moderators: **B. Allan** *UK*
H. Dua *UK*
S. Hannush *USA*

- 17.00 **S. Hamada** *UK*
Cornel Ectasia after Keratoplasty
- 17.09 **K. Colby** *USA*
Large non-pigmented limbal lesion
- 17.18 **L. Fontana** *ITALY*
DM perforation during DALK
- 17.27 **A. Slomovic** *CANADA*
Femtosecond laser tattoo for symptomatic glare
- 17.36 **S. Kinoshita** *JAPAN*
Peripheral corneal ulcer
- 17.45 **D. Tan** *SINGAPORE*
CMV endotheliitis vs allograft rejection
- 17.54 **J. Güell** *SPAIN*
Small diameter DMEK in the presence of broad PAS
- 18.03 **S. Al Swailem** *SAUDI ARABIA*
Malignancy masquerading as limbal stem cell deficiency
- 18.12 **F. Price** *USA*
When DSAEK is better than DMEK
- 18.21 Discussion
- 18.30 End of Session

Opening Ceremony
Friday 9 September
18.30 – 19.00
Outside Hall H1

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EuCornea

Friday 9 September

Hall H3

17.00 – 18.30

Instructional Course 2

Lamellar Complications

Moderators: J. Güell *SPAIN*
R. Nuijts *THE NETHERLANDS*

- 17.00 **A. Villarrubia** *SPAIN*
Uncommon complications, curious solutions
- 17.07 **J. Güell** *SPAIN*
DMEK nightmare
- 17.14 **R. Nuijts** *THE NETHERLANDS*
Lamellar crescent graft surgery for a corneal cyst
- 17.21 **C. Cursiefen** *GERMANY*
Corneal melting after Boston Kpro – what to do
- 17.28 **F. Price** *USA*
Management of blood in the anterior chamber during DMEK
- 17.35 **B. Seitz** *GERMANY*
Re-bubbling in excimer DALK?
- 17.42 **J. Hjortdal** *DENMARK*
Keratitis after SMILE surgery
- 17.49 **L. Fontana** *ITALY*
A big bubble too small
- 17.56 Discussion
- 18.30 End of Session

Saturday 10 September

Hall H1

08.00 – 09.00

Free Paper Session 4

Keratoconus and Collagen Cross-Linking

Moderators: F. Malecaze *FRANCE*
W. Wonneberger *SWEDEN*

- 08.00 **M. Elalfy, H. Hamami, S. Hamada** *UK*
Patient reported outcome measures (PROMS) in corneal collagen crosslinking – an innovative tool and its correlation to objective measures
- 08.08 **S. Sahebjada, E. Chan, S. Vogrin, V. Sundararajan, M. Daniell, P. Baird** *AUSTRALIA*
Economic impact of keratoconus using a health expenditure questionnaire – a patient's perspective
- 08.16 **A. Roufas, J. You, L. Wen, C. Hodge, G. Sutton, M. Madigan** *UK*
Expression of HGF and cMet proteins in human keratoconus corneas
- 08.24 **V. Diakonis, N. Likht, N. Yesilirmak, D. Delgado, S. Yoo, N. Zeibarth** *USA*
Corneal elasticity after oxygen enriched high intensity corneal crosslinking assessed using atomic force microscopy
- 08.32 **M. Cassagne, K. Peirne, S. Galiacy, P. Fournié, F. Malecaze** *FRANCE*
Customized topography guided corneal crosslinking for keratoconus – clinical results
- 08.40 **J. Court, M. Muhtaseb** *UK*
Treatment of advanced keratoconus with INTACS SK intrastromal corneal ring segments – five year outcomes
- 08.48 **K. Knutsson** *ITALY*
Corneal collagen crosslinking for progressive keratoconus in paediatric patients
- 09.00 End of Session

Saturday 10 September

Hall H2

08.00 – 09.00

Free Paper Session 5

Corneal Transplantation

Moderators: **A. Denoyer** *FRANCE*
F. Kruse *GERMANY*

- 08.00 **M. Saldanha, M. Alobthani, M. Showail, A. Borovik, Z. Ashkenazy, D. Rootman** *CANADA*
 Descemet membrane endothelial keratoplasty – first two hundred and fifty eyes – single centre experience
- 08.10 **I. Mallias** *GREECE*
 Ocular surface reconstruction with living related keratolimbal allograft transplantation in patients with bilateral total limbal stem cell deficiency after severe chemical burn
- 08.20 **V. Borderie, P. Loriaut, N. Bouheraoua, L. Laroche, J. Nordmann** *FRANCE*
 Incidence of intraocular pressure elevation and glaucoma following lamellar versus full thickness penetrating keratoplasty
- 08.30 **N. Kato, I. Oyakawa, T. Hayashi** *JAPAN*
 Descemet's membrane endothelial keratoplasty in Asian eyes
- 08.40 **A. Duncombe, P. Rossi, D. Toubreau, J. Gueudry, M. Muraine** *FRANCE*
 Prospective study comparing the inverted ultrathin descemet's stripping endothelial keratoplasty (DSEK) to the descemet's stripping automated endothelial keratoplasty (DSAEK) in fuchs dystrophy
- 08.50 **M. Marques, I. Lains, M. Oliveira, A. Martins Rosa, E. Costa, M. Quadrado, J. Neto Murta** *PORTUGAL*
 Functional evaluation of ultrathin descemet stripping endothelial keratoplasty grafts acquired with two different techniques
- 09.00 End of Session

Room B4

08.00 – 09.00

Free Paper Session 6

Ocular Surface

Moderators: **M. Claesson** *SWEDEN*
B. Cochener *FRANCE*

- 08.00 **C. Karp, M. Yim, A. Galor, A. Nanji, M. Joag, W. Feuer** *USA*
 Ability of novice clinicians to use high resolution optical coherence tomography to assess lesions of the ocular surface
- 08.10 **G. Garhöfer, P. Wozniak, D. Schmidl, A. Bata, K. Witkowska, V. Aranha dos Santos, R. Werkmeister** *AUSTRIA*
 Influence of topically applied lubricant eye gels on tear film thickness as measured with ultra high resolution OCT
- 08.20 **V. Romano, B. Steger, M. Brunner, S. Kaye** *UK*
 Functional grading of inflammatory activity in chronic allergic keratoconjunctivitis – pilot study
- 08.30 **M. Haagdorens, M. Islam, V. Cepla, G. Garbenciute, M. Griffith, N. Zakaria, M. Tassignon** *BELGIUM*
 Regenerating the anterior cornea using collagen scaffolds and corneal epithelial stem cells
- 08.40 **P. Rama, S. Matuska, D. Ardigo, D. Santoro, F. Cattaneo, M. De Luca, G. Pellegrini** *ITALY*
 Long term clinical results from patients affected by limbal stem cell deficiency (LSCD) due to ocular burns treated with ex vivo expanded autologous human corneal epithelial cells containing stem cells (Holoclar®)
- 08.50 **A. Boto de los Bueis, A. del Hierro Zarzuelo, J. Benitez del Castillo, D. Diaz Valle, R. Mendez Fernandez, M. Gabarron Hermosilla, L. Rivas Jara** *SPAIN*
 Autologous adiposederived stem cells for ocular surface reconstruction in patients with bilateral limbal stem cell deficiency
- 09.00 End of Session

Saturday 10 September

Hall H1

09.00 – 10.30

Focus Session 5

Ocular Injuries

Moderators: **B. Frueh** *SWITZERLAND*
K. Klemp *DENMARK*

- 09.00 **P. Fagerholm** *SWEDEN*
Management of acute corneal burns
- 09.12 **J. Güell** *SPAIN*
Traumatic epithelial downgrowth – prevention and repair
- 09.24 **C. Eggink** *THE NETHERLANDS*
The challenges of traumatic cataracts
- 09.36 **B. Malyugin** *RUSSIA*
Surgical options for traumatic partial and total aniridia
- 09.48 **C. Liu** *UK*
Keratoprosthesis after severe ocular trauma
- 10.00 **M. La Cour** *DENMARK*
Intraocular foreign bodies
- 10.12 Discussion
- 10.30 End of Session

Hall H2

09.00 – 10.30

Focus Session 6

Immunology in Corneal Transplantation

Moderators: **J. Armitage** *UK*
J. Hjortdal *DENMARK*

- 09.00 KEYNOTE LECTURE
M. Griffin *IRELAND*
What has been learned from immunological profiling in kidney transplantation?
- 09.30 **U. Pleyer** *GERMANY*
The role of immunomodulatory stromal cell therapy in prevention of corneal graft rejection
- 09.45 **D. Tole** *UK*
Immunosuppression in high-risk keratoplasty
- 10.00 **D. Bohringer** *GERMANY*
The value of HLA-matching in low-risk keratoplasty
- 10.15 **J. Armitage** *UK*
Conclusions of high-risk HLA matching study-CTFS II
- 10.30 End of Session

Saturday 10 September

Hall H1

11.00 – 13.00

Main Symposium 3

EuCornea/ESCRS Symposium

Modern Corneal Transplantation

Moderators: **F. Malecaze** FRANCE
R. Nuijts THE NETHERLANDS

- 11.00 **P. Fournié** FRANCE
PK – still an option in selected cases
- 11.15 **V. Borderie** FRANCE
DALK – when and how
- 11.30 Discussion
- 11.40 **S. Hannush** USA
Endothelial keratoplasty – why I prefer DSAEK
- 11.55 **F. Kruse** GERMANY
Endothelial keratoplasty – why I prefer DMEK
- 12.10 Discussion
- 12.20 **F. Larkin** UK
Complications of corneal transplantation
– early recognition and early treatment
- 12.35 **J. Güell** SPAIN
When is a re-graft indicated?
- 12.50 Discussion
- 13.00 End of session

Hall H2

11.00 – 12.30

Focus Session 7

Dry Eye Disease

Moderators: **D. Epstein** SWITZERLAND
S. Heegaard DENMARK

- 11.00 **J. Merayo** SPAIN
New diagnostic approaches
- 11.15 **G. Geerling** GERMANY
The role of inflammation in dry eye disease
- 11.30 **B. del Castillo** SPAIN
What is meibomian gland dysfunction?
- 11.45 **S. Raeder** NORWAY
Current treatment of dry eye disease
- 12.00 **S. Heegaard** DENMARK
Diagnosis of primary and secondary Sjögren's disease
- 12.15 **H. Jeppesen** DENMARK
Graft vs host disease and dry eye
- 12.30 End of Session

Saturday 10 September

Hall H1

14.00 – 15.30

Focus Session 8

Current Corneal Controversies

Moderators: **B. Cochener** *FRANCE*
B. Samolov *SWEDEN*

- 14.00 **G. Kymionis** *GREECE*
Excimer on Keratoconus
- 14.15 **R. Ambrosio** *BRAZIL*
Refinement in intrastromal ring segments
- 14.30 **M. Muraine** *FRANCE*
DSAEK or DMEK
- 14.45 **C. Cursiefen** *GERMANY*
Management of corneal new vessels
- 15.00 **B. del Castillo** *SPAIN*
Management strategies for trophic ulcers
- 15.15 Discussion
- 15.30 End of Session

Hall H2

14.00 – 15.30

Instructional Course 3

DMEK: How I do it

Moderators: **J. Güell** *SPAIN*
F. Kruse *GERMANY*

- 14.00 **F. Kruse** *GERMANY*
Host preparation – anatomical consideration, sizing, significance of splitting
- 14.15 **M. Greiner** *USA*
Using precut grafts
- 14.30 **F. Price** *USA*
How to unfold the graft
- 14.45 **M. Busin** *ITALY*
DMEK 2.0 – my way of graft delivery
- 15.00 **J. Güell** *SPAIN*
DMEK for failed PK
- 15.15 **T. Tourtas** *GERMANY*
Deep chamber, deep trouble
- 15.30 End of Session

Saturday 10 September

Hall H1

16.00 – 17.30

Main Symposium 4

Corneal Complications of Refractive Surgery

Moderators: J. Güell *SPAIN*
A. Ivarsen *DENMARK*

- 16.00 **A. Slomovic** *CANADA*
Steroid induced lamellar keratitis
- 16.12 **T. Seiler** *SWITZERLAND*
Secondary ectasia update (LASIK, surface, SMILE)
- 16.24 **D. Stulting** *USA*
Lamellar surgery – early and late DLK
- 16.36 **X. Zhou** *CHINA*
Microdistortions after keratorefractive surgery
– a complication or just a consequence?
- 16.48 **M. Labetoulle** *FRANCE*
Immediate and late postoperative infectious keratitis
- 17.00 **G. Kymionis** *GREECE*
Surface ablation – CXL – what to do if haze becomes a fog
- 17.12 Discussion
- 17.30 End of Session

Hall H2

16.00 – 17.30

Instructional Course 4

Corneal Suturing

Moderators H. Dua *UK*
D.G. Said *UK*

Presenters: R. Jayaswal *UK*
D.G. Said *UK*

This is a basic to intermediate level course that will cover all aspects of corneal suturing in the context of corneal lacerations, corneal grafts and other corneal procedures. Suture materials, choice of needles, suture placement, tying and burying knots and suture related complications and their management. The above will be covered under the following headings:

Course Focus:

- Suture materials – threads and needles
- Suturing corneal lacerations
- Suturing in penetrating keratoplasty
- Suturing in deep anterior lamellar keratoplasty
- Miscellaneous – Suturing of phaco burns; compression sutures, cataract and endothelial keratoplasty incisions

Shortlisted Posters INTERACTIVE

Friday 9 September

11.00 – 12.00

Presented Poster Session

Focus Digital Session 1

Poster Village: Pod 2

- 11.00 **M. Labetoulle** *FRANCE*
 In vitro activity of Cacicol® on herpes simplex virus type 1- a new promising adjunct therapy of herpetic corneal infections
- 11.10 **L. Jouve** *FRANCE*
 Iontophoresis corneal collagen crosslinking for keratoconus- efficacy, anterior segment optical coherence tomography and confocal microscopy
- 11.20 **F. Cattaneo** *ITALY*
 HOLOSIGHT – a long-term observational study of safety following ‘stem cell-based’ Holoclar® implants for restoration of corneal epithelium in patients with limbal stem cell deficiency due to ocular burns
- 11.30 **M. Matthaei** *GERMANY*
 Extracellular matrix-related gene expression increases with objective fuchs endothelial corneal dystrophy severity
- 11.40 **A. Fust** *HUNGARY*
 A study on specificity of in vivo confocal cornea microscopy in Acanthamoeba keratitis
- 11.50 **R. Calvo Andres** *SPAIN*
 Our first experience with simple limbal epithelial transplantation (SLET). Case report
- 12.00 End of session

Friday 9 September

14.00 – 15.30

Presented Poster Session

Focus Digital Session 2

Poster Village: Pod 2

- 14.00 **A. Gokul** *NEW ZEALAND*
 The ARK study part I - epidemiology, demographics and basic clinical characteristics of Keratoconus in New Zealand – preliminary results
- 14.10 **S.J. Kuchler** *SWITZERLAND*
 Keratoconus progression after corneal cross-linking in eyes with preoperative KMax≥58.0D
- 14.20 **Y. Monden** *JAPAN*
 Pterygium surgery using mitomycin C, amniotic membrane, cryopreserved limbal allograft, and conjunctival autograft for recurrent pterygium with severe symblepharon
- 14.30 **K. Sereda** *UKRAINE*
 Corneal inflammation and proliferative activity of the anterior epithelium cells on the bacterial keratitis model with amniotic membrane transplantation using different types of its fixation
- 14.40 **C. Temstet** *FRANCE*
 Evaluation of predescemet membrane sutures for treatment of acute corneal hydrops and the interest of peroperative OCT
- 14.50 **J. Alio** *SPAIN*
 Neural network to guide keratoconus treatment with ICRS
- 15.00 **A. Vega-Estrada** *SPAIN*
 Corneal posterior surface characterization in normal and keratoconus patients according to the visual limitation degree
- 15.10 **V. Huerva** *SPAIN*
 Treatment of ocular surface squamous neoplasia (OSSN) with topical interferon (IFN) alfa-2b
- 15.20 Discussion
- 15.30 End of session

Join the presenters of this year's shortlisted posters at the Poster Village, Pod 2, to discuss their posters

Poster Presentations

Basic Science

J. Costa, F. Neves, L. Figueiredo, C. Arede *PORTUGAL*

Comparison of central corneal thickness between OCT, scanning slit topography and specular microscopy in a myopic population

J. da Saude, Lourenco, B. Garcia Valcarcel- Gonzalez, R. Yela Delgado, R. Vera Echevarria, L. Marinas Garcia, R. Blanco Soler, C. Gutierrez Gutierrez *SPAIN*

Three cases of polychromatic crystalline dystrophy

M. Khubetsova, S. Borzenok, I. Saburina, Y. Komakh, K. Tonaeva *RUSSIA*

Our technology of construction 3D spheroids of limbal MMSC with induced neuroprotective properties

M. Matthaei, C. Leitl, R. Scholz, B. Bachmann, T. Langmann, C. Cursiefen, L. Heindl *GERMANY*

Extracellular matrix-related gene expression increases with objective fuchs endothelial corneal dystrophy severity

A. Rodriguez, J. Alio *SPAIN*

An experimental study of new innovative pigments for keratopigmentation

S. Saha, J. Sengupta, A. Khetan, D. Chatterjee *INDIA*

Polymerase chain reaction guided diagnosis of ocular infection

J. Sengupta, S. Saha, A. Khetan, D. Chatterjee, D. Banerjee *INDIA*

Gene expression of fungal biofilms associated with infective keratitis

K. Sereda, G. Drozhzhina, T. Gaidamaka, V. Vit *UKRAINE*

Corneal inflammation and proliferative activity of the anterior epithelium cells on the bacterial keratitis model with amniotic membrane transplantation using different types of its fixation

K. Spiess, A. Boto de los Bueis, A. Arbizu Duralde, A. Del Hierro Zarzuelo *SPAIN*

Conjunctival lymphomas an 18 year review in a tertiary care hospital

L. Takacs, G. Losonczy, Z. Bagoly, A. Berta, G. Vereb *HUNGARY*

Presence of fXIIIa in vascularized human corneas

Corneal Transplantation

N. Alejandro-Alba, M. Ariato, B. Garcia-Sandoval, I. Jimenez-Alfaro *SPAIN*

Step by step description of real time intraoperative OCT findings in DALK surgery for both manual and big bubble techniques

C. Ancona, M. Montaldo, C. Traverso, D. Venzano *ITALY*

Descemet membrane endothelial keratoplasty a different approach to graft preparation and descemetorhexis technique

M. Arino, N. Alejandro, I. Jimenez-Alfaro, B. Garcia *SPAIN*

Intraoperative OCT assisted DMEK surgery and DMEK roll preparation

J. Ashar *INDIA*

Comparison of outcomes of DSEK and DMEK – case series of single surgeon

L. Baydoun, E. Fernandez Lopez, N. Gerber-Hollbach, I. Dapena, V. Liarakos, L. Ham, G. Melles *THE NETHERLANDS*

Rebubbling techniques for graft detachment after descemet membrane endothelial keratoplasty

S. Belghmaidi, H. Ibtissam, A. Houda, M. Abdeljalil *MOROCCO*

Corneal neovascularisation before corneal transplantation about one hundred and twelve cases

V. Bersudsky, S. Gendler *ISRAEL*

A technique for donor lenticule position adjustment during automated endothelial keratoplasty (AEK)

V. Borderie, M. Borderie, K. Grieve, K. Irsch, D. Ghoubay, C. Georgeon, L. Laroche *FRANCE*

New parameters in assessment of human donor corneal stroma

J. Cabrerizo, C. Rodriguez Aierbe,

J. Garrido-Fierro *DENMARK*

Electron microscopy assessment of descemet membrane interphase during DMEK graft preparation

A. Charonis *GREECE*

The meander keratoplasty device in keratoplasty

D. Choudhary *INDIA*

Outcomes of sutureless anterior lamellar keratoplasty (ALK) in anterior lamellar opacities

D. Choudhary *INDIA*

Reverse big bubble for ultra thin DSEK

J. Coelho, S. Monteiro, A. Abreu, I. Carneiro, M. Gomes, L. Oliveira *PORTUGAL*

Descemet stripping automated endothelial keratoplasty after penetrating keratoplasty endothelial failure

K. Colby, D. Borkar, P. Veldman *USA*

Differential response to descemet stripping without endothelial replacement in fuchs endothelial dystrophy (FED)

R. Delgado, J. Diaz, Z. del Campo, A. Bruix, M. Mas *SPAIN*

Recurrent penetrating keratoplasty graft failure – rejection, herpetic reactivation or endophthalmitis?

D. Dias, I. Carneiro, L. Malheiro, M. Gomes,

L. Oliveira *PORTUGAL*

Descemet's membrane endothelial keratoplasty (DMEK) – our experience

M. Dickman, S. Dunker, P. Kruit, L. Remeijer, J. van Rooij, A. Van der Lelij, R. Wijdh, F.J.H.M van den Biggelaar,

T. van den Berg, T.J.M Berenschot,

R. Nuijts *THE NETHERLANDS*

Quality of vision after ultrathin descemet stripping automated endothelial keratoplasty (UTDSA EK) and DSAEK. A randomised multicenter clinical trial

Poster Presentations

M. Dirisamer, N. Luft, T. Kreutzer, S. Priglinger *AUSTRIA*
 Advanced triple procedure – DMEK combined with anterior chamber IOL explantation and posterior irisclaw IOL implantation as a single stage procedure

G. Drozhzhyna, T. Gaidamaka, O. Ivanovska, V. Ostashevskiy, B. Kogan, V. Usov *UKRAINE*
 Results of therapeutic keratoplasty using pig corneal xenograft

M. Elalfy, D. Leung, S. Hamada, D. Lake *UK*
 Incidence and risk factors of ocular hypertension/glaucoma after descemet's stripping automated endothelial keratoplasty (DSAEK)

T. Gaidamaka, G. Drozhzhyna, K. Sereda, L. Troichenko, O. Ivanova *UKRAINE*
 Surgical treatment by melting of the cornea in patients with toxic epidermal necrolysis

N. Gerber-Hollbach, J. Parker, L. Baydoun, V. Liarakos, L. Ham, I. Dapena, G. Melles *SWITZERLAND*
 Preliminary outcome of hemi descemet membrane endothelial keratoplasty for fuchs endothelial dystrophy

E. Groeneveldvan-Beek, J. Lie, K. Mangundap, A. Sajet, J. Van Der Wees, G. Melles *THE NETHERLANDS*
 Multiple grafts from one donor button – organisation, traceability and preparation methods

I. Guber *UK*
 Outcome of microkeratome assisted anterior lamellar therapeutic keratoplasty for disorders of the anterior cornea – a review of consecutive adult and juvenile cases

I. Guber, C. Bergin, F. Majo *UK*
 Outcomes of microkeratome assisted anterior lamellar therapeutic keratoplasty for disorders of the anterior cornea – a review of consecutive adult and juvenile cases

A. Hajjar Sese N. Jacobsen K. Holmgaard *SPAIN*
 Outcome of penetrating keratoplasty, PKP, in two patients with Hurler Scheie syndrome – a follow up study

H. Hasani, M. Jafarinasab, S. Feizi, R. Shamsoddinimotlagh *IRAN*
 Evaluation of post traumatic wound dehiscence in corneal transplantation

S. Helsen, S. Ni Dhubhghaill, N. Zakaria, C. Koppen *BELGIUM*
 Eckardt keratoprosthesis for tectonic repair of a large corneal perforation

M. Hosny *EGYPT*
 Femtosecond assisted anterior lamellar keratoplasty for superficial herpetic scars

Y. Kalinnikov, I. Ioshin, A. Bezzabotnov, A. Grigoryan, S. Zadorozhniy *RUSSIA*
 Deep anterior lamellar keratoplasty and penetrating keratoplasty with simultaneous implantation of intrastromal rings for the prevention of postoperative astigmatism in patients with keratoconus

V. Liarakos, I. Dapena, L. Baydoun, M. Rodriguez-Calvode Mora, G. Melles *GREECE*
 Advanced descemet membrane endothelial keratoplasty (DMEK) for complex endothelial disorders

V. Liarakos, M. Arvanitis, A. Maniateas *GREECE*
 Descemet membrane endothelial keratoplasty (DMEK) in the presence of keratoconus

C. Liu, A. Vasquez Perez *UK*
 DMEK in phakic eyes

G. Lopez Valverde, P. Pizarro Thompson, E. Garcia Martin, J. Larrosa Poves, V. Polo Llorens, L. Pablo Julvez *SPAIN*
 Tacrolimus ointment as an alternative treatment for acute cornea rejection

V. Mas, N. Maycock, P. Campos, R. Jayaswal *UK*
 Descemet's membrane endothelial keratoplasty (DMEK) – algorithm for the pneumodissection technique in DMEK donor tissue preparation

D. Miltsakakis, G. Batzikos, C. Pitsas, K. Markopoulos, A. Karagianni, I. Gardeli *GREECE*
 DSAEK in patients with iridocorneal endothelial (ICE) syndrome

D. Miltsakakis, C. Pitsas, I. Gardeli, G. Batzikos, K. Markopoulos, A. Karagianni *GREECE*
 Spontaneous intraoperative exit and loss of a DSAEK graft from the anterior chamber (AC) that was found and reinserted into the AC. Case report

S. Monteiro, I. Casal, L. Malheiro, M. Gomes, L. Oliveira *PORTUGAL*
 Why DMEK?

T. Mueller, J. Peraza-Nieves, N. Gerber-Hollbach, L. Baydoun, I. Dapena, S. Oellerich, G. Melles *THE NETHERLANDS*
 Influence of air tamponade time on graft adherence after descemet membrane endothelial keratoplasty

M. Muraine, Z. He, D. Toubeau, G. Thuret, P. Gain, J. Gueudry *FRANCE*
 Validation of precut DMEK grafts using Muraine technique

L. Papaioannou, V. Savant *UK*
 Evolution of DMEK technique – our experience

S. Patel, K. Wacker *US*
 Relationship between corneal backscatter and endothelial pump function in fuchs dystrophy

S. Perestrelo, J. Pinheiro Costa, R. Moreira, A. Magalhaes, J. Breda, F. Falcao-Reis *PORTUGAL*
 Maroteauxlamy syndrome – a light at the end of the tunnel

F. Price, M. Price *US*
 Adherence and endothelial cell loss with a DMEK endothelium inward trifold insertion method vs. a scrolled endothelium outward method

Poster Presentations

R. Quilendrino, N. Gerber-Hollbach, L. Baydoun, I. Dapena, V. Liarakos, S. Oellerich,

G. Melles *THE NETHERLANDS*

Clinical outcome of rebubbling for graft detachment after descemet membrane endothelial keratoplasty (DMEK)

A. Raghavan, S. Maskibail B. R *INDIA*

Do outcomes and complications justify the technical difficulties of DALK?

J. Reddy, S. Bhalerao, A. Mohamed, P. Vaddavalli *INDIA*

Long term outcomes of descemet's stripping endothelial keratoplasty after rebubbling for graft detachment

T. Salvador, I. Sassot, M. Barbany *SPAIN*

Tearing of descemet's membrane (DM) when obtaining grafts for descemet membrane endothelial keratoplasty (DMEK) using Muraine's technique

J. Sandoval-Codoni, E. Jimenez, R. Sanjuan,

J. Gonzalez de Gor *SPAIN*

Combined immunomodulatory agents in the management of refractory corneal graft rejection in high risk keratoplasty. Case report

J. Sengupta, A. Khetan, D. Chatterjee *INDIA*

Long term results of DALK – a five year follow up

B. Steger, E. Curnow, R. Cheeseman, V. Romano, A. Kaye, M. Jones, S. Kaye *AUSTRIA*

Sequential bilateral corneal transplantation and graft survival

C. Stoeger, K. Tran, K. Odell, J. Galloway, P. Dye,

M. Terry *US*

Validation of an eye bank slitlamp examination process for DMEK preparations – a three year internal review

A. Vasquez Perez, C. Lui *UK*

Corneal venting incisions in DMEK to assist the unfolding of the donor graft

A. Vasquez Perez, A. Vasquez Perez, S. Naqib *UK*

Customised DSAEK with Baerveldt implant tube repositioning

A. Vasquez Perez, M. Nanavaty *UK*

Simple limbal epithelial transplantation (SLET) followed by keratoplasty as treatment for limbal stem cell deficiency secondary to mitomycin C toxicity

P. Vassileva, Y. Kirilova, T. Hergeldzhieva-Fileva *BULGARIA*

AMT and PK in the management of nontraumatic corneal perforation

N. Yesilirmak, E. Singar Ozdemir,

D. Dursun Altinors *TURKEY*

Effect of dexamethasone intravitreal implant in a corneal graft rejection

A. Zaki *EGYPT*

Deep anterior lamellar keratoplasty – triple procedure – a useful clinical application of the predescemet's layer (Dua's layer)

Imaging

O. Balta *TURKEY*

Relationship of corneal endothelial morphology and central thickness to duration of diabetes

A. Fust, J. Tath, G. Simon, L. Imre, Z. Nagy *HUNGARY*

A study on specificity of in vivo confocal cornea microscopy in acanthamoeba keratitis

I. Henares Fernández, N. Saenz Madrazo *SPAIN*

Why this anterior persistent postsurgical uveitis? ASOCT can help us

U. Karaalp, M. Sahin *TURKEY*

Anterior segment parameters in patients with retinitis pigmentosa

T. Maio, J. Serino, R. Resende, R. Goncalves, P. Coelho,

J. Moreira *PORTUGAL*

Unilateral corneal edema case report

M. Mas Castells *SPAIN*

Peripheral corneal perforation caused by soft contact lenses abuse

M. Mas Castells *SPAIN*

Intraoperative use of OCT during intrastromal corneal ring segment manual implantation

S. Misra, H. Kersten, R. Roxburgh, H. Danesh-Meyer,

C. McGhee *NEW ZEALAND*

Ocular surface in Parkinson's disease

L. Modis, E. Szalai, B. Kettesy, A. Kemeny-Beke *HUNGARY*

Specular microscopic evaluation of the corneal endothelium in diabetic patients

K. Pawlowicz, A. Sharma, G. Saleh, G. Nithyanandarajah,

K. Emeriewen, M. Arjunan, S. Balal *UK*

The role of fluorescein filter imaging to aid the diagnosis of corneal dendritic lesions

J. Reddy, A. Krishnan T. P K *INDIA*

Error in the prediction of central corneal thickness in patients who had femto assisted anterior lamellar keratoplasty for anterior corneal pathologies – a predictive model

L. Salermo, A. Plaza Puche, F. Versaci, E. de la Cruz,

J. Alio *SPAIN*

Aberrometry reliability obtained by a pyramid wavefront sensorbased aberrometer

S. Siebelmann, J. Horstmann, B. Bachmann, P. Steven,

M. Matthaei, M. Herrmann, C. Cursiefen *GERMANY*

Intraoperative OCT in corneal crosslinking and excimer PTK

H. Vellara, R. Hart, A. Gokul, C. McGhee,

D. Patel *NEW ZEALAND*

The noncontact scheimpflug based tonometer as a diagnostic aid in thyroid eye disease

Poster Presentations

Infections and Inflammation

U. Agraval, D. Lyall, A. Gilmore, C. Goodyear, I. McInnes, K. Ramaesh *UK*

Therapy induced rise in endotoxins and inflammatory cytokines response in bacterial corneal ulcers

G. Cavallini, P. Ducange, V. Volante, M. Bigliardi, M. De Maria, E. Fornasari, G. Delvecchio *ITALY*

The effect of bevacizumab intrastromal injection for corneal neovascularization

W. Chaidaroon, S. Supalaset, N. Tananuvat, N. Vanittanakom *THAILAND*

Corneal phaeohyphomycosis caused by bipolaris hawaiiensis

M. del Buey, O. Esteban, I. Perez, C. Almenara, M. Martinez, A. Idoate, J. Cristaabal *SPAIN*

Regression of corneal neovascularization associated with corneal ulcers after treatment with regenerating agents (cacicol®)

R. Delgado, Z. del Campo, E. Mingorance, M. Mas *SPAIN*

Subconjunctival ologen collagen matrix implant soaked with antibiotic to control infectious scleritis case report

C. Feinbaum, A. Barisic *ISRAEL*

Temporary relief of pain and improved vision in patient with bullous keratopathy when treated with a specially designed soft contact lens, the Hyper CL™ and hyperosmotic drops. A palliative relief of corneal oedema – a case report

A. Gupta, A. Ghosh, A. Thakur, J. Ram, A. Chakrabarti *INDIA*

Newly emerging pathogens in keratomycosis, a study from India

M. Labetoulle, A. Rousseau, M. Breckler, L. Molet, D. Boutolleau, S. Burrel, C. Deback *FRANCE*

In vitro activity of Cacicol® on herpes simplex virus type 1 a new promising adjunct therapy of herpetic corneal infections

J. Medeiros Pinto, D. Cordeiro Sousa, A. Miguel Quintas, P. Guerra, J. Franco, W. Rodrigues *PORTUGAL*

Indications and outcomes of cyclosporine A 1% eye drops in paediatric age

N. Menassa, P. Bosshard, C. Kaufmann, C. Grimm, G. Auffarth, M. Thiel *UK*

Rapid detection of fungal keratitis with DNA stabilising FTA filter paper

J. Obis Alfaro, A. Mateo Orobias, P. Pizarro Thompson, M. Satue Palacian, M. Idoipe Corta *SPAIN*

New regenerating agents (RGTA) – new indications in persistent corneal thinning caused by fungal keratitis

M. Passilongo, E. Pedrotti, F. Bosello, E. Bruni, P. Talli, A. Fasolo, G. Marchini *ITALY*

Accelerated collagen crosslinking for the treatment of fusarium keratitis nonresponsive to antimicrobial therapy

M. Perez Gancedo, L. Paya Serratos, V. Hernandez Ortega, I. Reyes Munoz, M. Platero Vazquez, P. Beneyto Martin, M. Cabezas Leon *SPAIN*

Peripheral ulcerative keratitis (PUK) superinfected by an uncommon ocular microorganism cinetobacter iwoffii

R. Quintana Conte, A. Camos, A. Serrano *SPAIN*

Treatment of infectious epithelial herpetic keratitis resistant to acyclovir

R. Rajaraman, M. Pathak, V. Vaidee *INDIA*

An analysis of outcome in culture positive versus culture negative microbial keratitis

R. Rajaraman, B. Muthukumar, M. Pathak, V. Vaidee *INDIA*

Role of lens as a barrier in preventing posterior segment infection post therapeutic keratoplasty – a prospective study

A. Rodriguez, S. Gisbert, J. Alio *SPAIN*

In vitro demodex test using Naviblef® intensive care

S. Saha, J. Sengupta, A. Khetan, D. Chatterjee *INDIA*

A seven year comparative report of invitro antimicrobial susceptibility of pathogenic ocular bacterial isolates and ocular commensals

S. Saha, J. Sengupta, A. Khetan, D. Chatterjee, D. Banerjee *INDIA*

Antifungal susceptibility of planktonic, biofilm and biofilm-derived planktonic modes of keratitis associated fungal pathogens

S. Saha, J. Sengupta, A. Khetan, D. Chatterjee *INDIA*

Polymerase chain reaction (PCR) guided diagnosis of ocular infection

M. Saldanha, A. Tam, E. Cote, A. Lichtinger, A. Slomovic *CANADA*

Shifting trends in bacterial keratitis in Toronto – a 16 year review

I. Sobral, C. Fonseca, C. Farinha, P. Fonseca, M. Quadrado, J. Murta *PORTUGAL*

Cases of caterpillar hair

Poster Presentations

Keratoconus and Collagen CrossLinking

E. Albé, P. Vinciguerra, S. Trazza *ITALY*

Efficacy of corneal collagen crosslinking for the treatment of keratoconus – visual, refractive, topographic and tomographic outcomes at ten year follow up

J. Alio, P. Sanz Diez, M. Prieto, A. Vega-Estrada, A. Cardona, M. Maldonado, R. Gutierrez *SPAIN*

Clinical profile of early keratoconus with normal vision based on pattern recognition analysis

J. Alio, A. Vega-Estrada, J. Silvestre-Alvero, F. Rodriguez-Reinoso, L. Bataille *SPAIN*

Interaction and distribution of carbon nanotubes and graphene within corneal stroma

J. Alio, P. Sanz Diez, F. Versaci, S. Faini, A. VegaEstrada *SPAIN*

Neural network to guide keratoconus treatment with ICRS

M. Awadallah *EGYPT*

355 degree intrastromal corneal ring for advanced keratoconus

Y. Bhagat *INDIA*

A new parameter to assess keratoconus, post LASIK ectasia and myopia progression

Y. Bhagat *INDIA*

CXL Epithelium is neither on or off but temporarily shifted

J. Brekelmans, A. Goz, A. Brandis, M. Dickman, R. Nuijts, A. Scherz, A. Marcovich *THE NETHERLANDS*

Long term results of corneal stiffening by WST11D and near infrared (NIR) illumination – biomechanical efficacy and keratocyte repopulation in rabbits one, four and eight months after treatment

I. Casal, S. Monteiro, C. Abreu, L. Malheiro, M. Gomes, L. Oliveira *PORTUGAL*

Simultaneous topography guided photorefractive keratectomy (PRK) followed by corneal collagen crosslinking (CXL) for the treatment of corneal ectasias – one year follow up

F. Cavas, L. Bataille, E. de la Cruz, D. Fernandez, P. Sanz Diez, J. Alio *SPAIN*

Analysis of morphogeometric differences related to higher order corneal aberrations in keratoconus disease

F. Cavas, L. Bataille, E. de la Cruz, D. Fernandez, P. Sanz Diez, J. Alio *SPAIN*

Morphogeometric differences of keratoconus corneas according to a visual acuity grading scheme

J. Court, M. Muhtaseb *UK*

Long term vision related quality of life following intrastromal corneal ring segment implantation for advanced keratoconus

R. Dashputra, R. Arora *INDIA*

Corneal epithelial thickness mapping in keratoconus using fourierdomain optical coherence tomography

A. del Hierro Zarzuelo, O. Danna, K. Marquina, B. Casco, A. Boto de los Bueis *SPAIN*

Outcome of implantation of intrastromal corneal ring segments for the treatment of croissant and duck keratoconus

A. Gokul, D. Patel, C. McGhee *NEW ZEALAND*

A one hundred and sixty year journey – Dr John Nottingham's 1854 landmark treatise on conical cornea considered in the context of current knowledge of keratoconus

A. Gokul, S. Misra, D. Patel, C. McGhee *NEW ZEALAND*

The ARK study part I epidemiology, demographics and basic clinical characteristics of keratoconus in New Zealand – preliminary results

I. Gomes, S. Frazao, A. Carvalho, J. Maia Seco, P. Rosa, H. Nogueira *PORTUGAL*

Analysis of corneal collagen crosslinking results in patients with keratoconus

K. Gumus, L. Schmetterer, G. Garhofer, D. Schmid, F. Chiambaretta, J. Grouin, G. Kymionis *TURKEY*

An overview of the impact of a regenerating agent (RGTA) on corneal healing after epitheliumoff corneal crosslinking with riboflavin and UVA for keratoconus

A. Gupta, S. Yangzes, A. Thakur, J. Ram *INDIA*

Comparison of gas permeable contact lenses (Rose K2) versus soft contact lenses (Kersoft) for keratoconus and their impact on the quality of life

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Complex treatment of neurotrophic keratopathy depending on the severity of corneal lesions

Tear Film

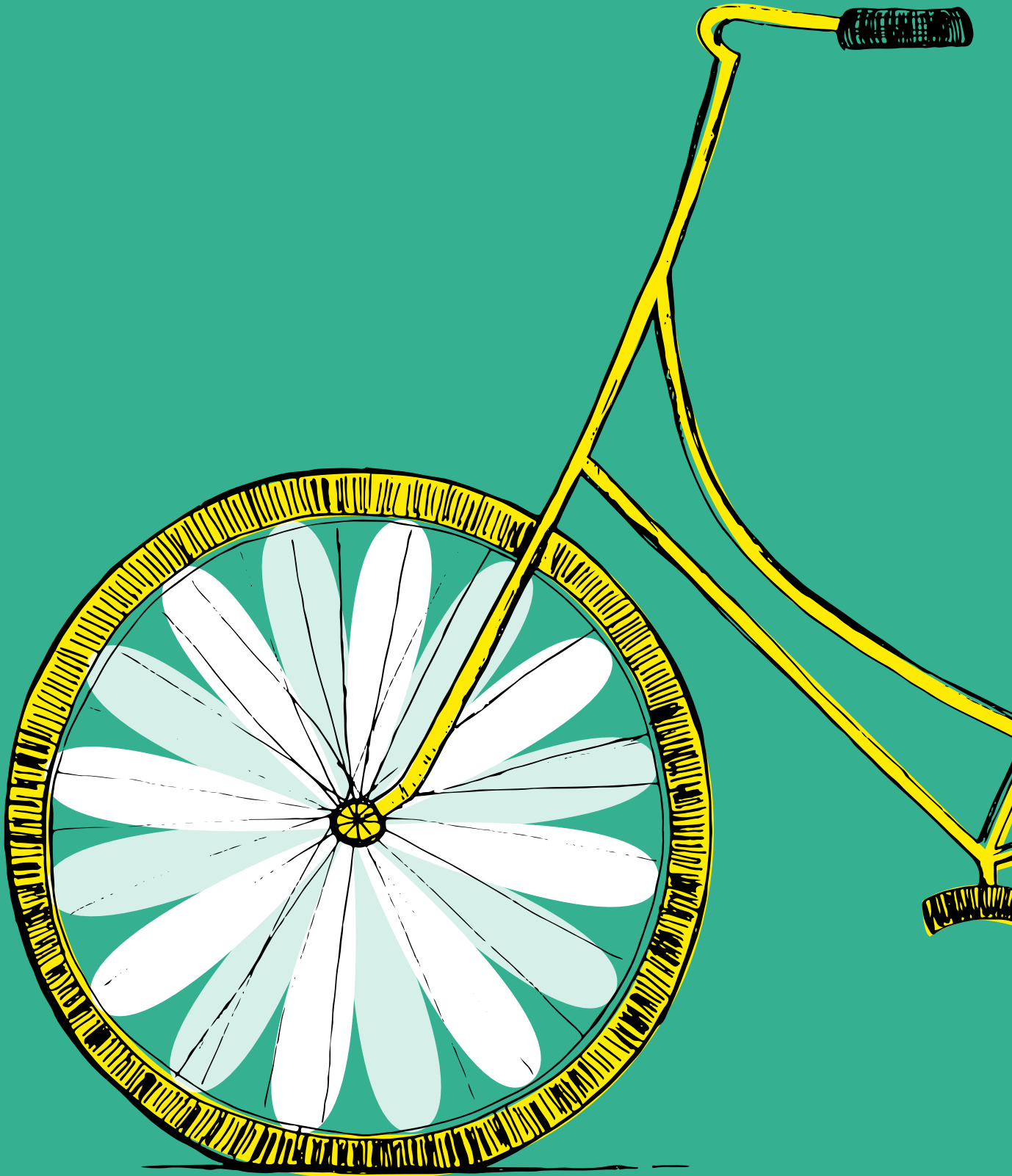
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Efficacy of eyelid massaging device

General Information & Exhibition



General Information

Venue

Bella Center Copenhagen, Denmark

Host

EuCornea, Temple House, Temple Road,
Blackrock, Co. Dublin, Ireland
Tel: + 353 1 288 3674
Fax: +353 1 288 3675
Email: euornea@euornea.org

Opening Hours

Registration

Wednesday 7 September	16.00 – 18.00
Thursday 8 September	07.00 – 18.00
Friday 9 September	07.00 – 18.30
Saturday 10 September	07.00 – 18.00

Speaker Check-in

Entrance Hall

Thursday 8 September	07.00 – 18.00
Friday 9 September	07.00 – 18.30
Saturday 10 September	07.00 – 18.00

*All speakers must check or upload their presentation
3 hours prior to their session*

Exhibition Area

Outside Lecture Halls H1, H2, H3

Friday 9 September	09.00 – 18.00
Saturday 10 September	09.00 – 18.00

ATM

Bella Sky Hotel, Tower 1, Level 0

Boarding Pass Printing Stations & Internet Access

Hall B

Cafes

Level 0 & Level 1

Cloakroom

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Each delegate should contact his/her national CME body directly in order to claim their credits for the Congress.

Currency

The official currency of the Congress is Euro

Device Charging Stations

Halls B, C, E & Foyer Auditorium A

ePosters

Poster Village, Hall B, Level 0

First Aid

Registration Area, Level 0

Insurance

Delegates are advised to take out travel insurance to cover medical expenses, accidents, loss etc. No responsibility will be accepted by the Congress Organisers.

Kuoni Desk

Hall E

Multi-Faith Prayer Room

Hall B

Official Language

The official language of the Congress is English

Welcome Reception

Friday 9 September 18.30 – 19.00

Outside Lecture Hall H1

Wi-Fi

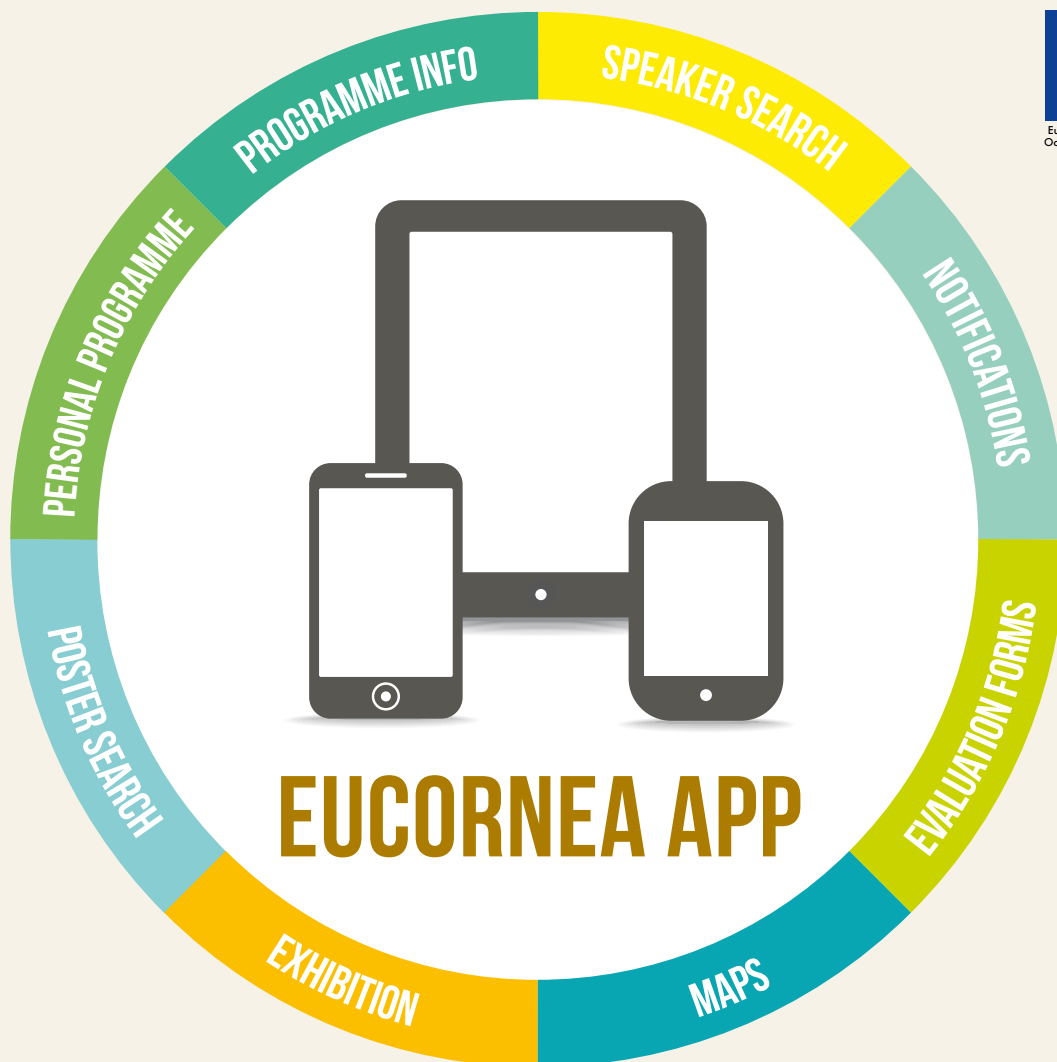
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CHIESI FARMACEUTICI S.p.A.	EUC09
Dompé	EUC02
EuCornea	EUC10
KeraMed, Inc.	EUC01
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EuroTimes Satellite Education Programme

Friday 9 September

Lunchtime Symposia

13.00 – 14.00

Hall H2

Keeping the Ocular Surface Healthy

Moderators: **K. Boboridis** GREECE
F. Larkin UK

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LABORATOIRES

Friday 9 September

Lunchtime Symposia

13.00 – 14.00

Hall H3

Perceptions of Care: Working Together to Improve DED Management

Moderator: **F. Malecaze** FRANCE

Sponsored by:  **Santen**

Saturday 10 September

Lunchtime Symposia

13.00 – 14.00

Hall H2

A New Paradigm in the Treatment of Limbal Stem Cell Deficiency due to Ocular Burns

Moderator: **P. Rama** ITALY

Sponsored by:  **Chiesi**
People and ideas for innovation in healthcare

Saturday 10 September

Lunchtime Symposia

13.00 – 14.00

Room B12

Corneal Nerves – The Forgotten Factor in Health and Disease

Moderator: **H. Dua** UK

Sponsored by:  **Dompé**

EuCornea

Welcome Reception

Friday 9 September
18.30

Outside Hall H1

All Delegates Welcome



European Society of Cornea and
Ocular Surface Disease Specialists

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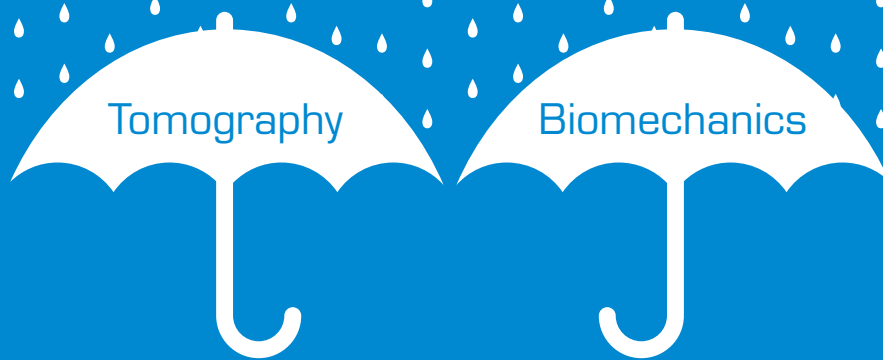


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