

## THURSDAY 17 JANUARY 2019

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- 9:30 - 12:00** Wetlab - session I – NIIOS  
Separate registration required - only for eye bank technicians
- 12:00 - 17:30** Registration open
- 14:00 - 16:30** Wetlab - session II – NIIOS  
Separate registration required - only for eye bank technicians
- 15:30 - 17:30** Walking tour of Rotterdam - Postilion Convention Centre Rotterdam  
Meet at Postilion Convention Centre WTC
- 17:30 - 19:00** Welcome Reception - Rotterdam City Hall, Coolingsingel 40, Rotterdam

## FRIDAY 18 JANUARY 2019

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- 8:00 - 17:00** Registration open
- 8:30 - 11:00** EEBA Committee Meeting (closed meeting) - Penn Room 1,  
Postilion Convention Centre WTC
- 9:00 - 9:30** Tour of NIIOS/Amnitrans EyeBank - group I – NIIOS  
Separate registration required
- 9:30 - 10:00** Tour of NIIOS/Amnitrans EyeBank - group II – NIIOS  
Separate registration required
- 10:00 - 10:30** Tour of NIIOS/Amnitrans EyeBank - group III – NIIOS  
Separate registration required
- 11:00 - 16:05** Exhibition Open - Exhibition Hall, Postilion Convention Centre WTC
- 11:00 - 11:20** Coffee break

- 11:20 - 11:30** Welcome to Rotterdam - Rotterdam Hall, Postilion Convention Centre WTC
- 11:30 - 12:15** Opening Ceremony - Rotterdam Hall  
*Music composed by Drs. Gottsch and Melles*
- 12:15 - 12:45** Niels Ehlers Memorial Lecture
- 12:45 - 13:25** **SESSION I: EYE BANKING ACROSS THE GLOBE: CHALLENGES IN DIFFERENT PARTS OF THE WORLD - ROTTERDAM HALL**  
Chair: Margareta Armitage, Kyle Mavin
- P 22** **Meeting corneal transplant needs: The French challenge**  
*Isabelle Martinache - Agence de la Biomédecine, France*
- P 23** **Exploring the need for a European exchange of HLA-typed corneal tissue**  
*Robin van Eechoud – Dutch Transplant Foundation, The Netherlands*
- P 24** **Low risk of tissue contamination by following a decontamination protocol with a combined use of 0.02% chlorhexidine and 0.5% povidone-iodine**  
*Esther A. Groeneveld-van Beek - Netherlands Institute for Innovative Ocular Surgery (NIIOS), The Netherlands*
- P 25** **One Eye Bank's Review of Fungal Infections and Options to Reduce Contamination**  
*Erik Hellier - Eversight Vision, USA*
- 13:25 - 14:25** Lunch Break
- 14:25 - 14:55** **SESSION II: EYE BANK MYSTERIES- ROTTERDAM HALL**  
Chair: Andrea Gareiss-Lok
- 14:55 - 15:35** **SESSION III: EURO GTPII - ROTTERDAM HALL**  
Chair: Lamis Baydoun, Richard Lomas, Rita Piteira, Jaime Tabera
- 15:35 - 16:05** Coffee Break
- 16:05 - 17:00** **SESSION IV: LEGAL AND ETHICAL ASPECTS WITHIN THE EU - ROTTERDAM HALL**  
Chair: John Armitage, Nicola Hofmann

P 28

**The clock is ticking - Time factors in tissue donation**

*Nicola Hofmann - German Society For Tissue Transplantation gGmbH, Germany*

P 29

**Acceptability of postmortal blood samples for antibody / NAT testing – can quality be quantified?**

*Jan Schroeter - Charité - Universitätsmedizin Berlin, University Tissue Bank, Cornea Bank Berlin, Germany*

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**Impact of a proposal to modify death-to-procurement time based on body-refrigeration on quantity, safety and cellular quality of corneal grafts**

*Thibaud Garcin, Corneal Graft Biology, Engineering and Imaging Laboratory, Faculty of Medicine, Jean Monnet University, France*

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**European registry for quality improvement in corneal transplantation surgery (ECCTR)**

*Mor Dickman - Maastricht University Eye Clinic, the Netherlands*

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**The Barcelona Principles**

*Graeme Pollock - Lions Eye Donation Service, Centre for Eye Research Australia, University of Melbourne, Melbourne, Australia*

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**US eye bank accreditation process**

*Kyle Mavin - Alabama Eye Bank, USA*

17:00 - 17:05 Industry presentation - Rotterdam Hall

17:05 - 18:05 EEBA Eye Bank Correspondents' Meeting & SIG Directory

19:00 - 23:00 EEBA 'Floating' Gala Dinner - Paddle Steamer De Majesteit  
Please bring your invite to the boat

## SATURDAY 19 JANUARY 2019

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8:00 - 15:00 Registration open

8:45 - 9:45 EEBA Business Meeting

9:00 - 17:00 Exhibition Open

9:45 - 10:55

**SESSION V: CLINICAL OUTCOMES OF CORNEA TRANSPLANTATION - ROTTERDAM HALL**

Chair: Lamis Baydoun, Vasilis Liarakos

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**Bowman layer transplantation: 5-year results**

*Korine Van Dijk - Netherlands Institute for Innovative Ocular Surgery (NIIOS), The Netherlands*

P 37

**Descemet Stripping Automated Endothelial Keratoplasty outcomes related to preservation time and donor diabetes in the cornea preservation time study**

*Beth Ann Benetz, Case Western Reserve University, USA*

P 38

**Ultrathin UT-DSAEK vs DMEK: Preliminary results of a multicenter prospective randomized controlled clinical trial**

*Suryan Dunker - Maastricht University Eye Clinic, The Netherlands*

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**Prospective evaluation of clinical outcomes between pre-cut corneal grafts prepared using a manual or automated technique: with one year follow-up**

*Marc Muijzer - University Medical Center Utrecht, The Netherlands*

P 40

**Real-world outcomes of DMEK: A prospective Dutch national registry study**

*Mor Dickman - Maastricht University Eye Clinic, The Netherlands*

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**Multicenter Study of six-months clinical outcomes after Descemet membrane endothelial keratoplasty (DMEK)**

*Jorge Peraza-Nieves - Netherlands Institute for Innovative Ocular Surgery (NIIOS), The Netherlands*

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**Four year clinical outcome after Descemet membrane endothelial keratoplasty (DMEK): Results of the first 500 consecutive cases**

*Sorcha Ni Dhubhghaill - Netherlands Institute for Innovative Ocular Surgery (NIIOS) / Antwerp University Hospital, The Netherlands / Belgium*

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**In-vivo endothelial cell density (ECD) decline in the early postoperative phase after Descemet membrane endothelial keratoplasty (DMEK)**

*Lisanne Ham, Netherlands Institute for Innovative Ocular Surgery (NIIOS), The Netherlands*

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**Quarter-Descemet membrane endothelial keratoplasty for Fuchs endothelial corneal dystrophy: 1 year clinical outcome of the first case series**

*Lamis Baydoun, Netherlands Institute for Innovative Ocular Surgery (NIIOS), The Netherlands*

10:55 - 11:25

Coffee Break

11:25 - 12:25

**SESSION VI: LAMELLAR GRAFTS, CORNEAL STORAGE METHODS AND MICROBIOLOGICAL SAFETY - ROTTERDAM HALL**

Chair: Iva Dekaris, Jesper Hjortdal

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**Investigation of recurrent corneal epithelial changes during storage in culture medium**

*David Usherwood - NHS Blood and Transplant, UK*

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**Performance Improvement in Posterior Lamellar Thickness Accuracy of Precut Tissue for DSAEK**

*Bernie Iliakis - Corneagen, USA*

P 48

**Negative impact of Dextran in organ culture media to preserve prestripped tissue on DMEK (Descemet Membrane Endothelial Keratoplasty) outcome**

*Alaadin Abdin - Saarland University Medical Center Uks, Germany*

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**Assessment of non-deswollen pre-stripped human donor tissue for DMEK surgery**

*Johannes Menzel-Severing - University of Düsseldorf, Germany*

P 50

**Swollen or deswollen grafts for DMEK?**

*Philip Maier - Eye Center, University Hospital Freiburg, Germany*

P 51

**Evaluation of *Candida* spp. killing efficacy of a new cornea cold storage medium**

*Laura Giurgola - Alchilife, Italy*

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**Novel Transport-Cartridge for Preloaded DMEK : An Evaluation Of Tissue Quality**

*Silke Wahl - Knappschafts-Gewebebank Sulzbach, Germany*

12:25 - 13:15 Lunch Break

13:15 - 14:00 **POSTER TOUR - POSTER AREA, SEE POSTER ABSTRACTS FROM PG. 69**

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**1. Stability studies of a new cold corneal storage medium with antimycotic tablet**

*Laura Giurgola - Alchilife, Italy*

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**2. Comparing safety and efficacy of cornea cold and optisol GS corneal storage media**

*Michael Banitt - University Of Washington, USA*

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**3. The processing, storage, and supply of donor scleral tissue in the Lublin Eye Bank, Poland**

*Beata Rymgayllo-Jankowska - Medical University Of Lublin, Poland*

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**4. Donor tissue preparation for Descemet membrane endothelial keratoplasty**

*Rénuka Birbal, Netherlands Institute for Innovative Ocular Surgery (NIIOS), The Netherlands*

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**5. Preparation of DMEK grafts in the eye bank from pseudophakic donors**

*Magdalena Netukova - Vinohrady Teaching Hospital, International Eye Bank of Prague, Czech Republic*

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**6. New invented spatula cannula for DMEK-preparation using the liquid bubble method**

*Silke Wahl - Knappschafts-Gewebebank Sulzbach, Germany*

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**10. To compare endothelial cell loss between grafts loaded and inserted with Geuder glass cannula and Coronet DMEK EndoGlide for DMEK**

*Michael Banitt - University Of Washington, USA*

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**11. Postoperative re-positioning of inverted DMEK grafts**

*Diana Dragnea - Netherlands Institute for Innovative Ocular Surgery (NIIOS), The Netherlands*

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**12. Surgical outcomes of combined procedure Descemet's endothelial**

**keratoplasty (DMEK) and cataract surgery with versus without using ocular viscoelastic device (OVD).**

*Magdalena Netukova – Vinohrady Teaching Hospital, International Eye Bank of Prague, Czech Republic*

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**13. Immunosuppression in high-risk corneal grafts**

*Joao Quadrado Gil - Centro Hospitalar E Universitário De Coimbra, Portugal*

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**14. The success key to bring new therapies into the clinical field**

*Elba Agusti - Barcelona Tissue Bank, Spain*

14:00 - 14:50

**SESSION VII: EYE BANKING CHALLENGES - ROTTERDAM HALL**

Chair: Nezahat Bostan, Diego Ponzin

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**Impact of donor history and donation circumstances on the endothelial cell density: analysis of the relevant factors**

*Stefanie Wiencke - Deutsche Gesellschaft Für Gewebetransplantation, Germany*

P 55

**Routine donor tomography as screening method for improved graft selection in corneal transplantation**

*Alaadin Abdin - Saarland University Medical Center Uks, Germany*

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**Viral decontamination of human corneascleral buttons during storage**

*Timur Kerimov - S. Fyodorov Eye Microsurgery Federal State Institution, Russia*

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**Development of a quantitative method to determine corneal endothelial cell mortality**

*Laura Giurgola - Alchilife, Italy*

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**Assessment of endothelial cell counts in eye banks: comparison of alizarin red staining versus specular microscopy**

*Etienne Vachon-Joannette, Université Laval, Canada*

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**The OBSERV platform (Ophthalmic Bioreactor Specialized in Experimental Research & Valorisation): regeneration of corneal and limbal epithelium of stored human corneas**

*Thibaud Garcin - Corneal Graft Biology, Engineering and Imaging Laboratory, Faculty of Medicine, Jean Monnet University, France*

14:50 - 15:50 **SESSION VIII: ADVANCED THERAPY MEDICINAL PRODUCTS AND THE FUTURE OF EYE BANKING - ROTTERDAM HALL**

Chair: Gilles Thuret, Sorcha Ní Dhubhghaill

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**The corneal active storage machine allows cornea delivery for up to 3 months**

*Thibaud Garcin - Corneal Graft Biology, Engineering and Imaging Laboratory, Faculty of Medicine, Jean Monnet University, France*

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**Ex vivo creation of implantable DMEK tissues**

*Marcus Binner - Leibniz Institute of Polymer Research Dresden, Germany*

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**In vitro evaluation and transplantation of human corneal endothelial cells cultured on biocompatible carriers**

*Daniele Spinozzi - Netherlands Institute for Innovative Ocular Surgery (NIIOS), The Netherlands*

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**Influence of endothelial migration pattern on corneal clearance after quarter-DMEK**

*Alina Miron - Netherlands Institute for Innovative Ocular Surgery (NIIOS), The Netherlands*

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**Construction of artificial cornea based on cells spheroids and polymeric materials: Methodological approaches**

*Dmitriy Ostrovskiy - S. Fyodorov Eye Microsurgery Federal State Institution, Russia*

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**Amniotic membrane transplantation without trauma: AmnioClip-plus makes it possible**

*Nicola Hofmann - German Society For Tissue Transplantation gGmbH, Germany*

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**New protocols in conjunctival epithelium repairing**

*Marina Bertolin - Veneto Eye Bank Foundation, Italy*

15:50 - 16:00 Closing Ceremony

16:00 - 17:00 Goodbye Drinks