EEBA 2017 Prague
Final Programme

THURSDAY 19th JANUARY, 2017

13:00 - 19:00 Registration
15:00 - 18:00 Prague Sightseeing Tours
15:00 - 18:00 **Wet Lab: PRECUT TISSUE IN THE EYE BANK / TIPS & TRICKS - ASK THE EXPERT & DO IT!** (Yveta Urbanova, Alessandro Ruzza, Edward Rangel, Alexander Scholz)
16:00 - 18:00 **WET LAB: TISSUE EVALUATION - EYE BANK SPECULAR MICROSCOPY** (Susan Oak, Simon Gordon)
15:00 - 18:00 **WET LAB: LASER ASSISTED LAMELLAR PRECUT** (Ziemer Ophthalmic Systems AG)
15:30 - 18:00 EEBA Committee Meeting (closed)
19:00 - 21:30 Welcome Party /Tasting Czech - Restaurant Kolkovna

FRIDAY 20th JANUARY, 2017

09:00 - 09:30 Opening Ceremony/Welcome *(Kuchynka, Zima, Armitage)*

1st Morning session
**PROMOTING THE EXCHANGE OF PRESENT KNOWLEDGE BETWEEN EYE BANKERS, STATE AUTHORITIES AND OTHERS**

09:30 - 09:55 Deirdre Fehily, Brusel
*Evaluation of the EU Tissue and Cell legislation*

09:55 - 10:15 Valentina Caramia, Trapianti - Roma
*Summary of Cornea Activities for the Year 2016 by the European Network of Competent Authorities for tissues and cells*

10:15 - 10:35 Trias Adroher Esteve, Barcelona
*Euro-GTP II Project. Good Practices for demonstrating safety and quality through recipient follow-up*

10:35 - 10:50 Premysl Fryda, Prague
*Position of KST in Tissue Donation/Transplantation*

2nd Morning session
**THE SAFETY, QUALITY, EDUCATION TRAINING AND CERTIFICATION OF THE EYE BANK PERSONNEL, TRAINING POSSIBILITIES IN EYE BANKING ACROSS THE EUROPE AND GLOBALLY**

10:50 - 11:10 Mahmood Farazdaghi, Baltimore
*Introducing a new model: a national program to alleviate corneal blindness*

11:10 - 11:30 Patricia Dahl, New York
*The Eye-Bank for Sight Restoration, New York*

11:30 - 11:50 Yveta Urbanova, Prague
*Global Impact of IFEB International Training Center in Prague: Purpose and process*

11:50 - 12:00 Archana Shinde, Mumbai
*Establishing & Operating a Model community eye bank, lessons learnt*
12:00 - 13:00  Lunch Break

1st Afternoon session  
**CORNEAL TRANSPLANTATION AND EYE BANKING ACTIVITIES**

13:00 - 13:15  Douglas J. Furlong, Baltimore  
_Eye Banking 2017 - what is our proposition_

13:15 - 13:30  Walter Stark, Baltimore  
_Advances in Corneal Transplantation_

13:40 - 13:50  Magdalena Netukova, Prague  
_International Eye Bank of Prague /Ocular Tissue Bank at University Hospital - 25th year in service_

13:50 - 14:00  Iwona Grabska-Liberek, Warsaw  
_Development of corneal donation in Warsaw Eye Bank_

14:00 - 14:10  Sameera M Farazdaghi, Baltimore  
_CJD – 15 years after major outbreak of ‘mad cow’ disease in UK_

14:10 - 14:20  Josef Šach, Prague  
_CJD Testing in Czech Republic - evaluation of 10 years screening experience_

14:20 - 14:30  Andrea Gareiss-Lok, München  
_Miracles in Eye Banking_

14:30 - 15:00  Coffee Break and Poster Session

2nd Afternoon session  
**NEW DEVELOPMENTS AND OPTIMIZED TECHNIQUES OF THE PREPARATION PROCESS OF LAMELLAR GRAFTS - EYE BANKING TECHNIQUES**

15:00 - 15:10  Deli Krizova, Prague  
_Advantages of graft preparation for endothelial keratoplasty in the eye bank_

15:10 - 15:20  Pavel Studeny, Prague  
_PDEK – Pre-Descemet’s endothelial keratoplasty – clinical outcomes_

15:20 - 15:30  Nicola Hofmann, Hannover  
_Easy DMEK with tissue bank prepared grafts_

15:30 - 15:40  Wessel Vermeulen, Beverwijk  
_Improvements after introducing pre-stripped DMEK technique in the Euro Cornea bank_

15:40 - 15:50  Jet Kok, Rotterdam  
_Incidence of paired donor graft failure in Descemet membrane endothelial keratoplasty (DMEK)_

15:50 - 16:00  Adelaine Desanlis, Lyon  
_Endothelial roll preparation for Descemet Membrane Endothelial Keratoplasty (DMEK): validation in a tissue bank and comparison of clinical results using eye bank prepared tissue versus surgeon cut_
16:00 - 16:10 Philip Maier, Freiburg
Preparation of DMEK grafts from pseudophakic donors

16:10 - 16:20 Sameera M Farazdaghi, Baltimore
DMEK preparation: pre-prepared ready to use grafts

16:20 - 16:30 Otero Nausica, Barcelona
Development protocol for the procurement of descemet membrane in a tissue bank. Engraftment analisys

16:30 - 16:40 Paola Sauvageot, Barcelona
Impact of an anterior chamber pressure regulator device on deep anterior lamellar dissection for DSAEK

16:40 - 16:50 Stine Elkjær Nielsen, Aarhus
Factors influencing detachment of posterior lamellar grafts in DSAEK when stored in organ culture

16:50 - 17:00 Luca Avoni, Ravenna
Anterior Chamber Pressure (ACP) system in combination with One Use-Plus (OUP) automated microkeratome for preparing ultra-thin corneal lamellar grafts in one single pass

17:00 - 17:10 Information about Gala dinner

17:10 - 17:40 EEBA Corresponding Members Meeting

19:00 - 23:00 Gala Dinner - French Restaurant Municipal House

SATURDAY 21st JANUARY, 2017

08:30 - 09:30 EEBA Business Meeting (open)

1st Morning session
CORNEA STORAGE/TISSUE MEDIA

09:30 - 09:40 M. Thibaud Garcin, Saint Etienne
Preclinical controlled study comparing long-term stored human corneas in an innovative bioreactor versus standard organ-culture

09:40 - 09:50 Francesca Pateri, Monza
Evaluation of donor corneas preserved in a new cold storage medium with antimycotic tablet

09:50 - 10:00 Ina Wilkemeyer, Berlin
Organ Culture Preservation of Human Donor Corneas without Antibiotics

10:00 - 10:10 Anna Limongelli, Monza
Validation of microbiological test of corneal preservation media according to "Method suitability test" of European Pharmacopoeia (chapter 2.6.1.)

10:10 - 10:20 Domenico Amato, AlchiMIA S.r.l.
What is a medical device and how to develop it

10:20 - 10:25 Susan Oak, KONAN MEDICAL USA
NextGen Donor Corneal Imaging System

10:25 - 11:00 Coffee Break and Poster Session
# 2nd Morning session

**OTHER TISSUES IN EYE BANKING. ROAD FROM EXPERIMENTAL TO CLINICAL PRACTICE**

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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>11:00 - 11:10</td>
<td>Walter Stark, Baltimore</td>
<td><em>Vision Graft for DALK and other ocular conditions</em></td>
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<td>11:10 - 11:20</td>
<td>Iva Dekaris, Zagreb</td>
<td><em>Our first results in treatment of total limbal stem cells deficiency with in vitro cultured limbal stem cells</em></td>
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<td>11:20 - 11:30</td>
<td>Crouzet Emmanuel, Saint-Etienne</td>
<td><em>Immunosuppression with a subconjunctival implant releasing dexamethasone in a rabbit model of penetrating keratoplasty</em></td>
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<td>11:30 - 11:40</td>
<td>Zala Lužnik, Ljubljana</td>
<td><em>Identification and characterization of Dendritic cell subtypes in preserved and cultured cadaveric human corneallimbal tissue on amniotic membrane</em></td>
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<td>11:40 - 11:50</td>
<td>Sameera M Farazdaghi, Baltimore</td>
<td><em>Amniotic membrane: Processing &amp; Preservation, in an eye bank set up</em></td>
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**1st Afternoon session**

**ATMP / CORNEA TISSUE ENGINEERING**

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<tr>
<td>13:00 - 13:10</td>
<td>Eline Melsbach, Edegem</td>
<td><em>Translating research grade products into clinical grade ATMPs – the road less travelled</em></td>
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<td>13:10 - 13:20</td>
<td>Adis Pašalić, Zagreb</td>
<td><em>Polyurethane-tio2 Scaffold usage in human limbal cells proliferation and differentiation</em></td>
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<td>13:20 - 13:30</td>
<td>Francisco C Figueiredo, Newcastle upon Tyne</td>
<td><em>Gamma-irradiated SDS decellularised human amniotic membrane is a more efficient substrate for the ex vivo expansion of limbal stem cells</em></td>
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<td>13:30 - 13:40</td>
<td>Marina Bertolin, Venice</td>
<td><em>Xenonogenic and Allogenic-free protocol for the production of human limbal epithelial cultures</em></td>
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<td>13:40 - 13:50</td>
<td>Peter Trosan, Prague</td>
<td><em>The effect of various enzymatic decellularisation methods on human amniotic membrane and amniotic epithelial cells</em></td>
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<td>13:50 - 14:00</td>
<td>Madina Khubetssova, Moscow</td>
<td><em>Secretion study of neurotrophic factors by 3D cell culture of multipotent mesenchymal stem cells of human eye</em></td>
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<tr>
<td>14:00 - 14:15</td>
<td>Evaluation and Discussion</td>
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<td>14:15 - 14:45</td>
<td>Coffee Break and Poster Session</td>
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<td>15:00 - 15:30</td>
<td>Handing over of the EEBA flag to EEBA 2018 organizers</td>
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<td>15:30 - 16:00</td>
<td>W. John Armitage - EEBA President Message, Best Oral + Poster Award</td>
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<td>16:00</td>
<td>Closing Ceremony</td>
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POSTER SESSION:

Berit Byström, Umeå
*Introducing a new eye bank*

Jana D’Amato Thotova, Ponte San Nicolò
*Development of a sterile, antimycotic, fast dissolving tablet with extended shelf-life for cornea cold storage medium*

Koncarevic Mateja, Zagreb
*Visual Outcome in UT-DSAEK after Mfio Implantation*

Rymgayllo-Jankowska B., Lublin
*Tissue preparation for DSAEK - the new procedure in the Lublin Eye Bank, Poland*

Kristýna Brejchova, Peter Trosan, Katerina Jirsova, Prague
*Characterization and comparison of human limbal explant cultures grown under defined and xeno-free conditions*

Anne-Sophie Gauthier, Besançon
*Specular microscopy of long-term stored corneas in an innovative bioreactor*

Christoph Kern, Munich
*Improving Safety and Efficiency of Corneal Eye Bank Management by a Custom Made IT System*

Ingrida Smeringaiova, Prague
*Comparison of efficacy of two solutions in maintaining the viability of the human amnion cells after tissue decontamination*

Vojtech Kolin, Prague
*Retrospective analysis of the cornea donors in Czech Republic*

Dimitrios Kapantais, Thessaloniki
*Corneal transplantations at the 1st Department of Ophthalmology, AHEPA University Hospital during the period September 2011 to January 2016*

Jacqueline Van der Wees, Rotterdam
*Histopathology of Descemet membrane endothelial keratoplasty graft remnants, folds, and detachments*