European Eye Bank Association
XXIII Annual Meeting
Freiburg 21-22 January 2011
Final Program

Friday 21 January 2011

9.00 - 13.00  EEBA Committee Board Meeting (closed meeting)
From 12.00 on  General Reception & Registration
13.00 - 14.30  Technicians Session
13.00 - 14.30  Regulation Session
14.30 - 15.00  Registration & Welcome Coffee & Exhibition & Posters

15.00  Opening Ceremony

Welcome by T. Reinhard
President of the German Ophthalmological Society
Welcome by I. Dekaris
President of the European Eye Bank Association
Announcement of the honorary members

15.30 - 17.00  Scientific Session I
Tissue banking organisations
Chairs: T. Reinhard, R.Tönjes

Keynote lecture
Safety management in eye banking
Tönjes R., Paul-Ehrlich-Institute, Langen, Germany

Oral presentations - 6 + 2 minutes each

Foundation of European Tissue Banks
Hetzer R., Director of the Foundation of European Tissue Banks, Berlin, Germany

Bio Implant Services
Van Grevenstein, P., Director of Bio Implant Services, Leiden, Netherlands

The European Association for Tissue Banking (EATB)
Trias E., President of the EATB, Barcelona, Spain

The German Society for Tissue Transplantation
Börgel M., DGFG, Hannover, Germany

Section for Tissue Transplantation and Biotechnology of the German Ophthalmological Society
Reinhard T., President of the German Ophthalmological Society, Freiburg, Germany

New Swiss Model: Keradonum Stiftung Hornhautbank
Reinshagen, H. Keradonum Stiftung Hornhautbank and Augenzentrum Klinik Pallas, Olten, Switzerland

Eye Bank Association of America - Update and future challenges
First Malling J., Minnesota Lions Eye Bank, St. Paul, United States of America

17.00 - 17.30  Coffee Break & Exhibition & Posters
17.30 - 19.00 Scientific Session II
Eye Banking Techniques
Chairs: P. Maier, L. Pels

Oral presentations - 6 + 2 minutes each

Postmortal testing of serological parameters for Human Immunodeficiency Virus, Hepatitis B Virus and Hepatitis C Virus up to 48 Hours in infectious cadavers
Wilkemeyer I., University Tissue Bank, Institute of Transfusion Medicine, Charité - Universitätsmedizin Berlin, Berlin, Germany

The availability of cadaver corneas in Sweden may be reduced by over 60% due to the 24-hour limit for post mortal blood sampling
Ek S., Cornea Bank, Göteborg, Sweden

A new screening method for the donor eye bank corneas: the macroscope
Sabatier P., Banque Francaise des Yeux, Paris, France

Combined chlorhexidine and PVP-I decontamination of human donor eyes prior to corneal preservation
Bruinsma M., Netherlands Institute for Innovative Ocular Surgery and Amnitrans EyeBank, Rotterdam, The Netherlands

Evaluation of current hygiene standards in enucleation of post-mortem eyes for corneal transplantation
Laubichler P., Ludwig-Maximilians-University, Munich, Germany

Use of FD-OCT to elucidate anterior stromal pathology in human donor corneas
Stoeger C., Lions Eye Bank of Oregon, Portland, USA

Eye bank finding of stromal metastasis in clear cornea from skin melanoma in the donor
Campanelli M., Monza Eye Bank, Monza, Italy

Hypothermic versus organ cultured corneas - clinical implication
Pauk M., Eye clinic Svjetlost, Zagreb, Croatia

Influence of donor criteria, age and post mortem time on corneal endothelial cell density. Can we create a quality score?
Redbrake C., Euregio Cornea Bank, Würselen, Germany

European audit of endothelial cell counting methods: first announcement
Thuret G., University Jean Monnet, Saint-Etienne, France

Implementation of a quality management system in an eye bank network
Knipper A., DGFG, Hannover, Germany

19.30 Social Dinner at the “Historisches Kaufhaus” Freiburg
Muensterplatz 24, D-79098 Freiburg, Tel. +49-761-3881116
**Saturday 22 January 2011**

**9.00 - 10.45**  
**Scientific Session III**  
**Ocular surface - clinical and basic science**  
*Chairs: H. Dua, D. Meller*

**Keynote lecture**  
Modern approaches in ocular surface reconstruction  
*Dua H., President of the EU Cornea, Nottingham, UK*

**Oral presentations - 6 + 2 minutes each**

The effect of the extracellular environment on the differentiation of corneal epithelial cells  
*Eberwein P., University Eye Hospital Freiburg, Germany*

Anti-apoptotic gene therapy to promote survival of allogeneic corneal epithelial grafts  
*Fuchsluger T.A., University Eye Hospital Essen, Germany*

Amniotic membrane transplantation (AMT) in the corneal ulcer treatment  
*Mravicic I., Eye clinic Svjetlost, Zagreb, Croatia*

Amniotic membrane transplantation for severe iatrogenic ocular surface disorders  
*Rymgayllo-Jankowska B., Lublin Eye Bank, Lublin, Poland*

Transplantation of autologous cultivated limbal epithelium on intact amniotic membrane for conjunctival surface reconstruction  
*Meller D., Dept. of Ophthalmology, University of Duisburg-Essen, Germany*

Human corneal limbal epithelial tissue (HCLET) for transplant purposes: the effect of medium on expression of factors associated with stemness  
*Shahdadfar A., Department of Ophthalmology, Oslo, Norway*

Cultures of epithelial cells from superficial limbal explants obtained from organ-cultured human donor corneas  
*Ghoubay-Benallaoua D., Institut de la Vision, Paris, France*

CK8 is extensively expressed in basal cells of the human limbal epithelium  
*Jirsova K., Charles University, Prague, Czech Republic*

MMP2, MMP13, TIMP1, VEGF A and VEGF R1 gene expression in the corneal epithelium of patients with keratoconus, bullous keratopathy and vascularised corneal leucoma  
*Draca N., Eye clinic Svjetlost, Zagreb, Croatia*

Anti-VEGF treatment decreases neovascularisation of mice cornea following corneal combustion  
*Predovic J., Ruder Boskovic Institute, Zagreb, Croatia*

**10.45 - 11.15**  
**Coffee Break & Exhibition & Posters**  
**EEBA website workshop** (for corresponding members only)
11.15 - 13.00 Scientific Session IV
Penetrating and anterior lamellar keratoplasty
Chairs: I. Dekaris, B. Seitz

Keynote lecture
Penetrating keratoplasty - Still the gold standard?
Seitz B., University Eye Hospital Homburg/Saar, Germany

Oral presentations - 6 + 2 minutes each

Distinct functions of antigen presenting cells on corneal allograft survival
Schwartzkopff J., University Eye Hospital Freiburg, Germany

Anti-VEGF and amniotic membrane transplantation (AMT) improves corneal graft survival in high risk cases
Dekaris I., Eye clinic Svjetlost, Zagreb, Croatia

Corneal transplantation in Hungary
Modis L., University of Debrecen, Debrecen, Hungary

Endothelial cell loss after phaco in patients who underwent penetrating keratoplasty
Barisic A., Eye hospital “Svjetlost”, Zagreb, Croatia

Endothelial cell loss after penetrating keratoplasty depending on corneal storage method and preservation time
Anticic M., Eye clinic Svjetlost, Zagreb, Croatia

Infectious keratitis following corneal transplantation
Glavota V., Eye clinic Svjetlost, Zagreb, Croatia

“Fair-Quality donor corneas”: are they always safe for lamellar keratoplasty?
Rezaei Kanavi M., Shahid Beheshti University, Tehran, Iran

First experience with deep anterior lamellar keratoplasty (DALK) in keratoconus patients
Stoiber J., Paracelsus Medical University, Salzburg, Austria

Isolated Bowman layer transplantation
Lie J.T., Netherlands Institute for Innovative Ocular Surgery and Amnitrans EyeBank and Melles Cornea Clinic, Rotterdam, The Netherlands

Early and midterm outcome after lamellar keratoplasty in children
Majo F., Jules-Gonin Eye Hospital, Lausanne, Switzerland

13.00 - 14.00 Lunch Break & Exhibition & Posters
14.00 - 15.45  Scientific Session V
Posterior lamellar keratoplasty
Chairs: C. Cursiefen, G. Melles

Keynote lecture
The thinner the better: posterior lamellar keratoplasty
Cursiefen C., University Eye Hospital Erlangen, Germany

Oral presentations - 6 + 2 minutes each

More efficient use of donor corneal tissue: two lamellar keratoplasty procedures with one donor cornea
Groeneveld- van Beek E.A., Netherlands Institute for Innovative Ocular Surgery and Amnitrans EyeBank and Melles Cornea Clinic, Rotterdam, The Netherlands

How to prepare the posterior lamellae for DSAEK
Maier P., University Eye Hospital Freiburg, Germany

OCT guided femtosecond laser based pre cut tissue
Blomberg L., DGFG Cornea Bank, MHH Hannover, Augenzentrum Hildesheim, Germany

Femtolaser preparation of tissue for DSAEK using a novel corneal deswelling medium thin-c
Gatto C., R&D ALCHIMIA Srl, Ponte San Nicolò, Italy

Results of preparation of precut corneas for descemet's stripping automated endothelial keratoplasty from donated whole globes in central eye bank of Iran
Rezaei Kanavi M., Shahid Beheshti University, Tehran, Iran

Endothelial cell density after descemet membrane endothelial keratoplasty (DMEK): 3 years follow-up
van der Wees J., Amnitrans EyeBank Rotterdam and Netherlands Institute for Innovative Ocular Surgery, Rotterdam, The Netherlands

Preparation of a descemet membrane automated endothelial keratoplasty (DMEK) lamella in a 2-step procedure using a femtosecond laser
Vetter J., Johannes Gutenberg-University Mainz, Mainz, Germany

Visual outcome of the first 200 consecutive descemet membrane endothelial keratoplasty (DMEK) cases
Ham L., Netherlands Institute for Innovative Ocular Surgery and Amnitrans EyeBank and Melles Cornea Clinic, Rotterdam, The Netherlands

Distribution of mesenchymal progenitor cells in the corneal endothelium
Tomaszewski A., University Hospital Essen, Essen, Germany

Identification of potential human corneal endothelial stem-like cell niches
He Z., University Jean Monnet, Saint-Étienne, France

15.45 - 16.15  Coffee Break & Exhibition & Posters

16.15 - 18.00  Business Meeting active attendance is requested due to voting

18.00  Closing Ceremony
**Technician-Workshop**  
Friday January, 21st, 13:00 - 14:30

Panel: P. Eberwein, J. Schroeter, P. Bowerman

1. Donor recruitment  
   Presentation: Bowerman P., Bristol Eye Bank, UK  
   Discussion & Cases: Panel and audience

2. Graft procurement  
   Presentation: Eberwein P., University Eye Hospital Freiburg, Germany  
   Discussion & Cases: Panel and audience

3. Slitlamp evaluation  
   Presentation: Eberwein P., University Eye Hospital Freiburg, Germany  
   Discussion & Cases: Panel and audience

4. Endothelial cell evaluation  
   Presentation: Schroeter J., Tissue Bank Charité, Berlin, Germany  
   Discussion & Cases: Panel and audience

**Workshop Regulatory affairs**  
Friday January, 21st, 13:00 - 14:30

Panel: J. Blümel, P. Maier, T. Montag, R. Tönjes, G. Wanninger

1. Reporting SAE/SAR:  
   Presentation: Tönjes R., Paul-Ehrlich-Institute, Langen, Germany  
   Maier P., University Eye Hospital Freiburg  
   Discussion & Cases: Panel and audience

2. Safety aspects microbiology:  
   Presentation: Montag T., Paul-Ehrlich-Institute, Langen, Germany  
   Discussion & Cases: Panel and audience

3. Safety aspects virology:  
   Presentation: Blümel J., Paul-Ehrlich-Institute, Langen, Germany  
   Discussion & Cases: Panel and audience

4. Experiences with the German tissue law:  
   Presentation: Wanninger G., District Government of Upper Bavaria, Germany  
   Discussion & Cases: Panel and audience