

Preliminary Program

First international Workshop on eye drops of human origin, Vienna, 2020

Thursday 19.3.2020

Introduction

Chair: Mickey Koh

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| 8:30 | 8:35 | Christof Jungbauer & Mickey Koh |
| Welcome and housekeeping | | |
| 8:35 | 8:45 | Christian Gabriel |
| Why we organized this workshop | | |
| 8:45 | 9:00 | Denese Marks |
| Facts from the ISBT survey – a worldwide perspective | | |
| <i>General Discussion: 10 min: Additions? Do we meet your expectations?</i> | | |
| <i>Award to the winner of the quiz of the worst Austrian idiom</i> | | |

First Get together and Coffee break

Basics

Chairs: Mickey Koh & Piera Versura

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| 9:30 | 9:50 | Friedrich Paulsen, Erlangen, Germany |
| Anatomy and functional interplay of lacrimal glands, meibom glands and cornea | | |
| 9:50 | 10:10 | Neil Lagali, Linköping, Sweden |
| Corneal regeneration - with a focus on topical therapy | | |
| 10:10 | 10:30 | Sonja Mertsch, Oldenburg, Germany |
| Current concepts and experimental approaches of lacrimal gland regeneration | | |
| <i>Discussion 20 min: Interplay of glands in the anterior eye, their function and effects on corneal regeneration</i> | | |
| 10:50 | 11:20 | John G Lawrenson, London, UK |
| Content of healthy human tears | | |
| 11:20 | 11:40 | Reinhard Henschler, Leipzig, Germany |
| Content of healthy human serum | | |
| 11:40 | 12:00 | Thierry Burnouf, Taipei, Taiwan |
| Content of platelets and platelet lysate | | |
| <i>Discussion 15 min: Main differences and similarities of tears, serum and platelets</i> | | |
| Wrap up: Mickey Koh & Piera Versura | | |

Lunch at “Wiener Wirtschaft”

Diseases of the anterior eye requiring edho

Chairs: Reinhard Henschler & Saaeha Rauz

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| 13:00 | 13:30 | Jutta Horwath-Winter, Graz, Austria |
| Dry eye disease and Sjögren syndrome | | |
| 13:30 | 13:50 | Tina Dietrich-Ntoukas, Berlin, Germany |
| GvHD of the eye | | |
| 13:50 | 14:10 | Phillip Roberts, Vienna, Austria |
| Neurotrophic Keratopathy | | |
| 14:10 | 14:30 | Volkan Tahmaz, Cologne, Germany |
| Post surgery, post LASIK complications | | |
| <i>Discussion – 15 min: Similarities of mayor diseases requiring edho</i> | | |
| 14:45 | 15:15 | Gerd Geerling, Düsseldorf, Germany |
| Pharmaceutical eye drops for the treatment of dry eye disease | | |
| 15:15 | 15:45 | Nadia Zacharia, Boston, USA |
| Eye drops, new developments | | |
| <i>Discussion – 15 min: the flip side of the coin to edho: other treatments -better or worse?</i> | | |
| Wrap up: Christian Gabriel & Saaeha Rauz | | |
| <i>Award to the winner of the Austrian fast food quiz</i> | | |

Coffee break

Donation of edho and production of serum eye drops

Chairs: Katharina Schallmoser & Esen Akpek

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| 16:15 | 16:30 | Christian Gabriel, Graz, Austria |
| Autologous donation – are all donors eligible? | | |
| 16:30 | 16:45 | Birgit Gathof, Köln, Germany |
| Allogeneic donation – all blood donors qualified? | | |
| <i>Discussion 15min: which donors are really qualified? Autologous better than allogeneic?</i> | | |
| 17:00 | 17:15 | Denese Marks, Sydney, Australia |
| How to produce autologous serum eye drops | | |
| 17:15 | 17:30 | Dirk de Korte, Amsterdam, Netherlands |
| How to produce allogeneic serum eye drops | | |
| 17:30 | 17:45 | Mu drop |
| Automation of production | | |
| 17:45 | 18:00 | Gerda Leitner, Vienna, Austria |
| Practical work-flow for serum eye drops | | |
| <i>Discussion 15min: can we standardize the production?</i> | | |
| 18:15 | 18:30 | Thierry Burnouf, Taipei, Taiwan |
| Pathogen reduction for edho | | |
| 18:30 | 18:45 | Gerd Geerling, Düsseldorf, Germany |
| Storage, ease of use and the patient’s perspective | | |
| <i>Discussion 15min: what is expected from the patient’s perspective?</i> | | |
| Wrap-up and final discussions: Katharina Schallmoser & Saaeha Rauz | | |
| <i>Award to the winner of Viennese sights</i> | | |

Friday 20.3.2020

New developments

Chairs: Denese Marks & Nadia Zacharia

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| 8:30 | 8:45 | Paolo Rebulli, Milano, Italy |
| Eye drops from cord blood | | |
| 9:00 | 9:15 | Dilek Altinörs, Ankara, Turkey |
| Eye drops from human milk | | |
| 9:30 | 9:45 | Thierry Burnouf, Taipei, Taiwan |
| Eye drops from allogeneic platelet lysate | | |
| 9:45 | 10:00 | Alejandra Rodriguez, Alicante, Spain |
| Eye drops from autologous platelet lysate | | |
| <i>Discussion 15min: new products – better than serum? When and where?</i> | | |
| Wrap-up: Denese Marks & Nadia Zacharia | | |
| <i>Award to the winner of the clandestine Austrian national anthem</i> | | |

Coffee break

Quality issues

Birgit Gathof & Marina Buzzi

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| 10:30 | 11:20 | Melanie Störmer, Cologne, Germany |
| Sterility testing of edho | | |
| 11:20 | 11:40 | Dirk de Korte, Amsterdam, Netherlands |
| Quality control of serum eye drops | | |
| 12:00 | 12:20 | Katharina Schallmoser, Salzburg, Austria |
| Quality control of platelet lysate: Standards | | |
| <i>Discussion 15min: can we achieve quality standards?</i> | | |
| Wrap up: Birgit Gathof and Marina Buzzi | | |

Lunch at “Wiener Wirtschaft”

Clinical outcome

Christian Gabriel & Jutta Horwath-Winter

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| 13:15 | 13:30 | Neera Jagirdar, Cambium |
| Results from first clinical studies on eye drops from platelet lysate in gvhd | | |
| 13:30 | 14:00 | Saeaha Rauz, Birmingham, Great Britain |
| Diseases to be treated with edho – general recommendations | | |
| 14:00 | 14:30 | Elsen Akpek, Baltimore, USA |
| What is evidence based in the use of edho? | | |
| 14:30 | 15:00 | Piera Versura, Bologna, Italy |
| Which products are needed, where and when? What kind of research is needed? | | |
| <i>Discussion 15min: can we achieve general recommendations based on outcome?</i> | | |
| Wrap-up: Christian Gabriel & Jutta Horwath-Winter | | |
| <i>Award to the winner of the Viennese blood quiz</i> | | |

Coffee break

Regulatory issues

Thierry Burnouf & Gerd Geerling

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| 15:30 | 15:50 | Verena Plattner, AGES, Vienna, Austria |
| Inspections and experiences | | |
| 16:00 | 16:20 | Astrid Schwantes, PEI, Langen, Germany |
| Regulatory Experience of German Health Authority (PEI) with human eye drops | | |
| 16:20 | 16:40 | Christian Schärer, Swissmedic, Bern, Schweiz |
| Are EDHO's pharmaceuticals? Issues on distribution and validation | | |
| <i>Discussion: do regulations help or hamper the development of EDHO? What do regulators need and what do blood banks and ophthalmologists need?</i> | | |

Farewell