17th Meeting of the EASD
Eye Complications Study Group

Final Programme

EASDec 2007
Pontificia Universitas Urbaniana

Organiser: Francesco Bandello, MD, University of Udine
President: Renato Lauro, MD, University of Rome “Tor Vergata”
Scientific Patronage: G.B. Bietti Eye Foundation - Italian Scientific Institute for Research, Hospitalization and Health Care, Rome
EASDec Board Members:

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FOR FULL INFORMATION ON THE MEETING VISIT:
www.easdec.org
www.sciencepromotion.it
The Pontifical Urbaniana University is an academic institution belonging to the Congregation for the Evangelisation of Peoples. The University hosts research and teaching within the framework of the Holy See’s educational system regulated by the Congregation for Catholic Education. The origins of the Urbaniana date back to 1st August 1627, when Pope Urban VIII established the Urban College with the Bull Immortalis Dei Filius, which was the very first educational institution within the Congregation De Propaganda Fide. The Institute was granted the authority to confer the Bachelor degree by the Studium Urbis, at present the University La Sapienza. The Pontifical Urbaniana University was endowed with the title “Pontifical” by the Motu Proprio “Fidei Propagandae” of Blessed Pope John XXIII, on 1st October 1962, a few days before the beginning of the Second Vatican Council.
Friday 25 May

3:00 - 4:00 p.m.  Registration for the satellite symposia and 17th EASDec Meeting at the Congress Venue  
(Pontificia Universitas Urbaniana - Via Urbano VIII, n°16)  
Refreshments  
Buses will take delegates from the Official Conference Hotels to the Congress Venue (please see the schedules at the hotels)

4:00 - 5:30 p.m.  Chairmen: Pierre-Jean Guillausseau and Simon Harding  
Satellite Symposium  
Jointly supported by an educational grant from Eli Lilly and Company

5:30 - 7:00 p.m.  Chairmen: Anne Katrin Sjølie and Thomas Unger  
Satellite Symposium:  
Prospects for Angiotensin Receptor Blockade in the management of diabetic retinopathy  
Jointly supported by educational grants from Astra-Zeneca and Takeda Pharmaceutical Company  
This event is included in the registration fee

7:00 p.m.  Buses will take delegates from the Congress Venue to the Welcome Reception Venue (Capitoline Museums)
8:00 – 9:00 p.m. Welcome Reception - “Capitoline Museums”

The museum is situated in the two twin palaces of Michelangelo’s Piazza del Campidoglio which is surrounded by illustrious palaces and magnificently decorated by the statue of Marcus Aurelius, set at the centre of it. The Collection of the Capitoline Museum is considered to be one of the most prestigious and ancient collections in the world, containing marbles and bronzes, pictures and objects of art, and a precious collection of imperial portraits. The Capitoline Museums will be closed to the public for the evening. Delegates will have the opportunity to join specifically arranged guided tours lasting between 30-40 minutes and to see some of the many highlights of this wonderful museum.

This event is included in the registration fee

9:00 – 10:00 p.m. Welcome Buffet Dinner - “Terrazza Caffarelli”

Terrazza Caffarelli is a terrace directly overlooking the Foro Romano and the right side of the Tiber, towards the Gianicolo. It’s a place of contemplation which offers a striking point of view over most of Vatican City and Trastevere. After their tour of the Museum, delegates are invited to have a buffet dinner on Terrazza Caffarelli where they shall appreciate one of the most exclusive panoramas in the world.

This event is included in the registration fee

10:00 p.m. Buses will take delegates from the Welcome Reception Venue (Capitoline Museums) back to the Official Conference Hotels
Saturday 26 May 2007

8:00 - 9:00 a.m. Participants Registration
Buses will take delegates from the Official Conference Hotels to the Congress Venue (please see the schedules at the hotels)

9:00 - 9:10 a.m. Opening Ceremony

9:10 - 11:00 a.m. Session 1
Chairmen: H. Lund-Andersen and Simon Harding

Free Papers: Pathophysiology

REDUCED RESPONSE OF RETINAL VESSELS TO FLICKER LIGHT STIMULATION IN DIABETIC PATIENTS WITHOUT RETINOPATHY
Amélie Lecleire-Collet
Dept. of Ophthalmology, Lariboisière Hospital, Paris, France

ATP-AND ADENOSINE-INDUCED RELAXATION OF PORCINE RETINAL ARTERIOLES DEPENDS ON PERIVASCULAR RETINAL TISSUE AND ACTS VIA AN ADENOSINE RECEPTOR
Kim Holmgaard
Dept. of Ophthalmology, Århus University Hospital / Dept. of Physiology, Århus University, Denmark

HIGH-GLUCOSE CONDITIONED MATRIX ENHANCES APOPTOSIS OF HUMAN RETINAL PERICYTES
Elena Beltramo
Dept. of Internal Medicine, University of Turin, Italy

INCREASED SHEDDING OF VASCULAR ENDOTHELIAL MICROPARTICLES IN PROLIFERATIVE DIABETIC RETINOPATHY
Pascale Massin
Dept. of Ophthalmology, Lariboisière Hospital, Paris, France

DIFFERENTIAL ROLES OF CTGF AND VEGF IN ANGIOGENESIS AND FIBROSIS IN PROLIFERATIVE DIABETIC RETINOPATHY
Reinier O. Schlingemann
Academic Medical Center, Amsterdam, The Netherlands

ADVANCED GLYCATION END PRODUCTS CAUSE INCREASED CCN FAMILY AND EXTRACELLULAR MATRIX GENE EXPRESSION IN THE DIABETIC RODENT RETINA
Ingeborg Klaassen
Academic Medical Center, Amsterdam, The Netherlands
VEGF-A INDUCES EXPRESSION OF PRO-FIBROTIC GROWTH FACTOR AND EXTRACELLULAR MATRIX GENES IN THE RETINA
Reinier O. Schlingemann
Academic Medical Center, Amsterdam, The Netherlands

11.00 - 11:30 a.m. Coffee Break

11:30 a.m. - 1:00 p.m. **Session 2**
Chairmen: Eva M. Kohner and P.J. Guillausseau

11:30 - 12:00 a.m. **Key Note Lecture**
Cellular crosstalk in the diabetic retina - novel insights from preclinical models
Hans-Peter Hammes

12:00 a.m. - 1:00 p.m. **Free Papers: Pathophysiology, Diagnosis and Miscellaneous**

CROSSTALK BETWEEN TNF-α, NADPH OXIDASE, PKCβ2, AND CORE 2 TRANSFERASE IN DIABETIC LEUKOCYTES
Rakesh Chibber
Cardiovascular Division, James Black Centre, King’s Denmark Hill Campus, London, UK

THE ROLE OF ADVANCED STRUCTURAL AND FUNCTIONAL RETINAL TESTING IN THE DIAGNOSIS OF EARLY RETINOPATHY IN TYPE 1 DIABETES
Mariacristina Parravano
G.B. Bietti Eye Foundation - Italian Scientific Institute for Research, Hospitalization and Health Care, Rome, Italy

THE EFFECT OF INAPPROPRIATE INSULIN THERAPY IN TYPE 2 DIABETES ON DIABETIC RETINOPATHY PROGRESSION
Yulia Y. Sivas
St Petersburg Medical University, Russia

COURSE OF DIABETIC RETINOPATHY AFTER SUCCESSFUL PANCREAS TRANSPLANTATION ACCORDING TO THE LEVEL OF DIABETIC RETINOPATHY AT THE TIME OF TRANSPLANTATION
Tomas Sosna
Center of Diabetology, Institute for Clinical and Experimental Medicine, Prague, Czech Republic

1:00 - 2:00 p.m. Buffet Lunch
2:00 - 3:45 p.m. **Session 3**  
**Chairmen:** Massimo Porta and A.K. Sjølie

2:00 - 2:30 p.m. **Key Note Lecture**  
**Toward prevention of diabetic retinopathy**  
Mara Lorenzi

2:30 - 3:45 p.m. **Free Papers: Epidemiology and Screening**

**INTERNAL QUALITY ASSURANCE ON A DIGITAL RETINAL PHOTOGRAPHIC SCREENING PROGRAMME FOR DIABETIC RETINOPATHY**  
*John Smith*  
Foresight Ireland Ltd, Ballynahinch, Ireland

**REACHING THOSE WHO NEED IT THE MOST - DIABETIC RETINOPATHY SCREENING IN EAST LONDON**  
*Tunde Peto*  
Moorfields Eye Hospital, London, UK

**VISUAL ACUITY IN DIABETICS AT FIRST SCREENING FOR EYE DISEASE**  
**DIABETIC RETINOPATHY SCREENING SERVICE FOR WALES (DRSSW)**  
*Helena Cilliers*  
Royal Gwent Hospital, Newport, Wales, UK

**DIABETIC RETINOPATHY SCREENING WITH FUNDUS PHOTOGRAPHS: COMPARISON OF DIFFERENT APPROACHES**  
*Elisabetta Pilotto*  
Dept. of Ophthalmology, University of Padua, Italy

**PROLIFERATIVE DIABETIC RETINOPATHY IS AN IMPORTANT PREDICTOR OF MORTALITY AMONG TYPE 1 DIABETIC PATIENTS**  
*Jakob Grauslund*  
Dept. of Ophthalmology, Odense University Hospital, Denmark

3:45 - 5:00 p.m. **Coffee Break and POSTERS PRESENTATION**

1. **BASELINE DATA OF THE ÅRHUS PROSPECTIVE STUDY OF AUTOREGULATION IN DIABETIC RETINOPATHY**  
*Toke Bek*  
Dept. of Ophthalmology, Århus University Hospital, Denmark

2. **CONNECTIVE TISSUE GROWTH FACTOR (CTGF) IS NOT INVOLVED IN ANGIOGENESIS IN KNOCK OUT MOUSE MODELS**  
*Rob J. van Geest*  
Academic Medical Center, University of Amsterdam, The Netherlands

3. **RETINAL VESSEL SIGNS AND EARLY RETINOPATHY IN TYPE 1 DIABETES**  
*Janne P. Kytö*  
Helsinki University Central Hospital Eye Clinic, Finland

4. **POSSIBLE INCREASED SEVERITY OF RETINAL VEIN OCCLUSION IN DIABETIC SUBJECTS**  
*Michel Paques*  
Dept. of Ophthalmology of Rothschild Foundation, Paris, France
5. EFFECT OF LUTEIN IN THE RETINA OF DIABETIC MICE
Maria Muriach
Dept. of Physiology, CEU-Cardenal Herrera University, Moncada, Valencia, Spain

6. EFFECT OF DIABETES IN RAT RETINA AND LENS. TREATMENT WITH LUTEIN
Maria Miranda
Dept. of Physiology, CEU-Cardenal Herrera University, Moncada, Valencia, Spain

7. MIXED MACULAR PATHOLOGY IN A DIABETIC PATIENT
Maria Niskopoulou
Moorfields Eye Hospital NHS Trust, London, UK

8. REFRACTION IN PEOPLE WITH AND WITHOUT DIABETES OVER A 10 YEAR PERIOD
Birgitte L. Justesen
Dept. of Ophthalmology, Vejle Hospital, Denmark

9. EFFECT OF THE ORAL PROTEIN KINASE C &\#946; INHIBITOR RUBOXISTAURIN ON VISUAL ACUITY IN THE PKC-DRS2 STUDY
Aniz Girach
Eli Lilly, Leicester, UK

10. SUSTAINED MODERATE VISUAL LOSS AS A PREDICTIVE ENDPOINT FOR VISION LOSS IN NONPROLIFERATIVE DIABETIC RETINOPATHY
Aniz Girach
Eli Lilly, Leicester, UK

11. INTRAVITREAL APPLICATION OF TRIAMCINOLONE IN THE TREATMENT OF DIABETIC MACULAR EDEMA
Jaroslava Dusová
Dept. of Ophthalmology, Charles University Prague, Medical Faculty in Hradec Kralove, Czech Republic

12. DIABETIC MACULAR EDEMA TREATED WITH SUBTENON TRIAMCINOLONE ACETONIDE
Regina Halfeld F. de Mendonça
Dept. of Ophthalmology, University of São Paulo, Brazil

13. INTRAVITREAL BEVACIZUMAB (AVASTIN) INJECTION IN DIABETIC RETINOPATHY WITH DIFFUSE BREAKDOWN OF BLOOD RETINAL BARRIER
Rosangela Lattanzio
Dept. of Ophthalmology, University Hospital San Raffaele, Milan, Italy

14. CHANGES IN THE DIAMETER OF RETINAL VESSELS IN VIVO AFTER TOPICAL APPLICATION OF A PROSTAGLANDIN AGONIST AND A PROSTAGLANDIN SYNTHESIS INHIBITOR. A PILOT STUDY
Kathrine Tilma
Dep. of Ophthalmology, Århus University Hospital, Denmark

15. CORRELATION BETWEEN MICROPERIMETRY, OPTICAL COHERENT TOMOGRAPHY FINDINGS AND BEST-CORRECTED VISUAL ACUITY OF LASERPHOTOCAUGULATION BY DIABETIC MACULAR EDEMA
Vladimír Korda
Dep. of Ophthalmology, Charles University Prague, Medical Faculty in Hradec Kralove, Czech Republic

16. INCIDENCE, PROGRESSION AND RISK FACTORS FOR DIABETIC RETINOPATHY IN A DANISH DIABETES MANAGEMENT PROGRAMME
Majbrit Lind
Dept. of Ophthalmology, Odense University Hospital, Denmark
17. DIABETIC RETINOPATHY IN OUTPATIENTS WITH TYPE 2 DIABETES: CLINICAL AND EPIDEMIOLOGIC FEATURES  
Pierangelo Lazzari  
Diabetes Center, Hospital of Cremona, Italy

18. PLASMA HAPTOGLOBIN MAY SIGNAL AN INCREASED RISK OF DEVELOPING PROLIFERATIVE DIABETIC RETINOPATHY IN TYPE 1 DIABETES  
Toke Bek  
Dep. of Ophthalmology, Århus University Hospital, Denmark

19. EXPERIMENTAL MODEL FOR THE SCREENING OF THE DIABETIC RETINOPATHY IN LAZIO REGION. PILOT STUDY  
Monica Varano  
G.B. Bietti Eye Foundation - Italian Scientific Institute for Research, Hospitalization and Health Care, Rome, Italy

5:00 - 6:00 p.m.  
**Session 4**  
Chairman: Francesco Bandello

5:00 - 5:40 p.m.  
**Key Note Lecture - Eva M. Kohner Award**  
Retinopathy as an indicator of cardiovascular risk  
Massimo Porta

5:40 - 6:00 p.m.  
**Lecture**  
High frequency ultrasonic imaging of the vitreous, retina and choroid  
Jackson Coleman

6:30 p.m.  
Buses will take delegates from the Congress Venue to the Official Conference Hotels

7:30 p.m.  
Buses will take delegates from the Official Conference Hotels to the Gala Dinner Venue

8:30 p.m.  
Gala Dinner - “Villa Monte Mario”  
Delegates are invited to dinner in a beautiful and characteristic Roman Villa with panoramic garden and swimming-pool, located in Monte Mario, a quiet and exclusive place of Rome.  
_This event is included in the registration fee_

from 10:30 p.m.  
Buses will take delegates from Villa Monte Mario to the Official Conference Hotels
**Session 1**

**Chairmen:** Renato Lauro - Pascale Massin

9:00 - 10:30 a.m. Free Papers: Macular Oedema: Pathogenesis, Diagnosis & Therapy

**DIABETIC MACULAR OEDEMA: EFFECTS OF CHANGES IN PLASMA OSMOLARITY ON THE RETINAL THICKNESS AS EVALUATED BY OCT**

Dorte Nellemann, Thornit
Dept. of Ophthalmology, Glostrup Hospital, University of Copenhagen, Denmark

**ASSESSMENT OF DIABETIC MACULAR EDEMA: A COMPARISON OF DIFFERENT METHODS**

Nyurguyana Grigoryeva
St-Petersburg State Pavlov Medical University, Russia

**MULTIFOCAL ERG RESPONSE SEEMS TO IMPROVE IN AREAS TREATED WITH PHOTOCOAGULATION FOR DIABETIC MACULAR OEDEMA**

Kristina Holm
Dept. of Ophthalmology, University Hospital, Lund, Sweden

**OCT FEATURES DURING EVOLUTION OF SEROUS RETINAL DETACHMENT ASSOCIATED WITH DIABETIC MACULAR EDEMA**

David Gaucher
Lariboisière Hospital, Paris, France

**INTRAVITREAL TRIAMCINOLONE VERSUS LASER PHOTOCOAGULATION FOR DIABETIC MACULAR OEDEMA**

Zoe Ockrim
Moorfields Eye Hospital, London, UK

**INTRAVITREAL BEVACIZUMAB (AVASTIN) FOR DIABETIC MACULAR EDEMA**

Derri Roman Pognuz
Dept. of Ophthalmology, University of Udine, Italy

10:30 - 11:00 a.m. **Key Note Lecture**

*Is diabetic retinopathy an inflammatory disease?*

Tony Adamis

11:00 - 11:30 a.m. Coffee Break

11:30 - 11:40 a.m. Awards

11:40 - 12:10 a.m. **Session 2**

**Chairman:** Mario Stirpe

11:40 - 12:10 a.m. **Key Note Lecture**

*Neuronal degeneration in diabetic retinopathy*

Edoardo Midena

12:10 a.m. - 1:00 p.m. General Assembly

1:00 p.m. End of Meeting
### 17th EASDec Meeting

#### TIMETABLE  at a glance

**Friday 25 May**

<table>
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<th>Time</th>
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| 3:00 - 4:00 p.m. | Registration & Refreshments  
Buses from the Official Conference Hotels to the Congress Venue (see schedules at the hotels) |
| 4:00 - 5:30 p.m. | Satellite Symposium  
Eli Lilly and Company |
| 5:30 - 7:00 p.m. | Satellite Symposium  
Astra-Zeneca and Takeda Pharmaceutical Company |
| 7:00 p.m.       | Buses from the Congress Venue to the Welcome Reception Venue |
| 8:00 - 9:00 p.m. | Welcome Reception - “Capitoline Museums”  
Welcome Buffet Dinner - “Terrazza Caffarelli” |
| 9:00 - 10:00 p.m. | Buses from the Welcome Reception Venue to the Official Conference Hotels |

**Saturday 26 May**

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| 8:00 - 9:00 a.m. | Registration  
Buses from the Official Conference Hotels to the Congress Venue (see schedules at the hotels) |
| 9:00 - 9:10 a.m. | Opening Ceremony  
**Session 1** - Free Papers: Pathophysiology |
| 9:10 - 11:00 a.m. | Key Note Lecture  
Free Papers: Pathophysiology, Diagnosis and Miscellaneous  
Buffet Lunch |
| 11:00 - 11:30 a.m. | Coffee Break  
**Session 2** |
| 11:30 a.m. - 1:00 p.m. | Key Note Lecture  
Free Papers: Epidemiology and Screening  
Coffee Break and POSTERS PRESENTATION |
| 12:00 p.m. - 1:00 p.m. | **Session 3**  
Key Note Lecture  
Lecture  
Buses from the Congress Venue to the Official Conference Hotels  
Buses from the Official Conference Hotels to the Gala Dinner Venue |
| 1:00 - 2:00 p.m. | Gala Dinner - “Villa Monte Mario” |
| 2:00 - 3:45 p.m. | Buses from Villa Monte Mario to the Official Conference Hotels |

**Sunday 27 May**

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| 9:00 - 11:00 a.m. | **Session 1**  
Free Papers: Macular Oedema: Pathogenesis, Diagnosis & Therapy  
Key Note Lecture  
Coffee Break  
Awards |
| 9:00 - 10:30 a.m. | **Session 2** - Key Note Lecture  
General Assembly  
End of Meeting |
1 PONTIFICIA UNIVERSITAS URBANIANA
2 SAN PETER’S CATHEDRAL
3 CAPITOLINE MUSEUMS & TERRAZZA CAFFARELLI
4 VILLA MONTE MARIO
5 Star Hotel Michelangelo
6 Grand Hotel del Gianicolo
7 Grand Hotel Palazzo Carpegna
8 Hotel Holiday Inn Rome West

5-6-7-8 = Official Conference Hotels

For Official Hotels reservation please visit dedicated section on

www.sciencepromotion.it and www.easdec.org