

21ST MEETING OF THE EASDec
(EUROPEAN ASSOCIATION FOR THE STUDY OF DIABETES
AND EYE COMPLICATIONS STUDY GROUP)
DIABETES, HYPERTENSION AND THE EYE



EASDec

GDANSK, Poland, May 13-15, 2011

MEDICAL UNIVERSITY OF GDANSK

PROGRAMME

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DEAR COLLEAGUES AND FRIENDS,



On behalf of the Local Organizing Committee, it is our great pleasure to invite you to participate in the **21ST MEETING OF THE EUROPEAN ASSOCIATION FOR THE STUDY OF DIABETES EYE COMPLICATIONS, STUDY GROUP EASDec**, the Satellite Session of the **EUROPEAN SOCIETY OF HYPERTENSION AND EYE DISEASES** and **NATIONAL REPRESENTATIVES MEETING – SCREENING FOR DIABETIC RETINOPATHY IN EUROPE**, which will take place in Gdansk, Poland on 13-15th May, 2011.

Gdansk is a city on the Baltic coast in northern Poland and a principal Polish seaport. The thousand-year-old Gdansk, with its very rich history and an attractive location has a great cultural heritage. We are especially proud to invite you to the city where Lech Wałęsa lives. We will offer you an ambitious scientific program, and will host you with the traditional Polish hospitality.

The venue of the meeting is the Medical University of Gdansk.

Our meeting is committed to the active promotion of the quality of life of every diabetic person. We want all diabetic patients to achieve good metabolic control and develop the least vascular diabetic complications. Our mission is to provide such patients with practical, step by step assistance.

We hope that EASDec 2011 will be a scientifically successful meeting, in the friendly and welcoming city of Gdansk.

Local Organizing Committee
Professor Elżbieta BANDURSKA-STANKIEWICZ, Poland



HONORARY COMMITTEE

Lech WAŁĘSA
PRESIDENT

Józef GÓRNIOWICZ
HEAD OF UNIVERSITY OF WARMIA AND MAZURY

Janusz MORYŚ
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Jerzy SZAFLIK
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Simon HARDING (UK)

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Krystyna RACZYŃSKA (POLAND)

Dorota WIATR-BYKOWSKA (POLAND)

Bogusław WOLNIK (POLAND)

Elżbieta ORŁOWSKA-KUNIKOWSKA (POLAND)



KEY NOTE LECTURES

Irene STRATTON

Does high blood pressure matter in diabetic retinopathy? A review of evidence old and new

Rafael SIMÓ

Neurodegeneration as an early event of diabetic retinopathy: therapeutic implications

Jan TATOŃ

Prevention and rehabilitation of significant vision impairment in diabetes mellitus

Roland E. SCHMIEDER

Vascular remodeling of the microcirculation in hypertension and diabetes

Enrico Agabiti ROSEI

Treatment of hypertensive diabetic patients: goals and strategies

EASDec 2011 PROGRAMME

FRIDAY 13TH MAY 2011

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12.30–4.45 **SATELLITE 1**
SCREENING FOR DIABETIC RETINOPATHY IN EUROPE
— STRATEGIES FOR OVERCOMING HURDLES TO PROGRESS

Organising Committee: Professor Simon HARDING, Dr Deborah BROADBENT,
Dr Kenneth SWA, Professor Elżbieta BANDURSKA-STANKIEWICZ

4.45–6.00 **SATELLITE 2**
NOVARTIS SYMPOSIUM: RANIBIZUMAB IN DME
— NEW AGE OF TREATMENT

Chaired by: Professor Krystyna RACZYŃSKA and Professor Anne Katrin SJØLIE

5 Dr Paweł LIPOWSKI
Diabetic macular oedema – epidemiology and social issue

6 Dr Iwona PARTYKA
Diagnostic and current methods of treatment of DME

7 Prof. Grażyna MALUKIEWICZ
Lucentis in DME – results of clinical studies

7.15 **OPENING CEREMONY FOLLOWED BY REFRESHMENTS**
ARTUS COURT, DŁUGI TARG 43/44 STREET



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DIABETES, HYPERTENSION AND THE EYE

SATURDAY 14TH MAY 2011

8.30–9.15 Registration

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9.15 Anne Katrin SJØLIE and Elżbieta BANDURSKA-STANKIEWICZ
Introduction and welcome

**SESSION 1 COMBINED SESSION
WITH THE EUROPEAN HYPERTENSION SOCIETY**

Chairs: Krzysztof NARKIEWICZ and Massimo PORTA

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9.20–9.50 Invited lecture: Roland E. SCHMIEDER
*Vascular remodelling of the microcirculation in hypertension
and diabetes*

3

9.50–10.05 E. BERRONE, E. BELTRAMO, S. TARALLO, M. PORTA
*Possible role of angiotensin II receptor blockade in
the glucotoxicity on human retinal pericytes*

4

10.05–10.20 J.M. TARR, L. GATTI, E.M. KOHNER, K. KAUL, A. DATTI,
A. ORLACCHIO, R. CHIBBER
*Mitochondrial-derived ROS controls MMP2 activity by retinal
capillary pericytes exposed to high glucose*

5

10.20–10.35 N. GRIGORYEVA, E. SHKLYAROV, F. SHADRICHEV, O. KRYANEVA
Fenofibrate effect on diabetic retinopathy

- 10.35–10.50 J. GRAUSLUND, J.S. JØRGENSEN, A. GREEN, A.K. SJØLIE
Long-term associations between serum lipids and panretinal photocoagulation in type 1 diabetes
- 10.50–11.20 Coffee/tea, exhibitions

SESSION 2 COMBINED SESSION WITH THE EUROPEAN HYPERTENSION SOCIETY

Chairs: Tunde PETO and Elisabet AGARDH

- 11.20–11.50 Invited lecture: Enrico Agabiti ROSEI
Treatment of hypertensive diabetic patients: the goals and strategies
- 11.50–12.05 A.K. SJØLIE for the DIRECT Programme Study Group
The predictive power of microaneurysm count on development of sight threatening retinopathy and the response to treatment with an angiotensin receptor blocker. Results from the DIRECT Programme
- 12.05–12.20 A.G. KUZMIN, D.V. LIPATOV, T.A. CHISTYAKOV, O.M. SMIRNOVA, M.I. ARBUZOVA, A.V. ILYIN, M.V. SHESTAKOVA
Deterioration of the glomerular filtration rate and high vascular endothelial growth factor level in the eye are seemed to be the markers of diabetic retinopathy progression after cataract surgery
- 12.20–12.35 J. PIECZYNSKI, E. BANDURSKA-STANKIEWICZ, W. MATUSZEWSKI, J. RUTKOWSKA, D. WIATR-BYKOWSKA
Risk factors for diabetic eye complications in short duration (1–10 years) of type 1 diabetes in Warmia and Mazury, Poland
- 12.35–12.50 R. BROE, B.S. OLSEN, J. GRAUSLUND, P. HOUGAARD, A.K. SJØLIE.
 Winner of the Best Abstract Prize
Blindness and Frequency of Vitrectomy in Young Danish Type 1 Diabetic Patients. A 15-year follow-up
- 12.50–1.45 Lunch and Exhibition viewing

1.45–2.45 SESSION 3 POSTER SESSION

Chairs: Stela VUJOSEVIC and Grażyna MALUKIEWICZ

T. SOSNA, R. SVANCAROVA, M. KAHLE

A new system for screening of diabetic retinopathy in the Institute for Clinical and Experimental Medicine (IKEM)

K. LUNDBERG, A.K. SJØLIE, J. GRAUSLUND

Changes in vascular diameter after laser treatment in patients with diabetic macular edema

T. von HANNO, G. BERTELSEN, J. GRAUSLUND, A.K. SJØLIE, E.B. MATHIESEN

Diabetes is associated with changes in retinal vessel calibre in women

G. BERTELSEN, M.G. ERKE, A.K. SJØLIE, I. NJØLSTAD

No difference in prevalence of retinal vein occlusions (RVO) between diabetic and non diabetic participants in The Troms? Eye Study

C. MULHOLLAND, M. QUINN, W. CHAN, B. FOOT

British Ophthalmic Surveillance Unit (BOSU) study of Progression to Sight Threatening Retinopathy in Pregnancy (STDR)

K. WHITEHOUSE, P.M. DODSON

Management and Outcome of Cholesterol Embolus Identified in a Diabetic Retinopathy Screening Programme

K.E. ALSBIRK, J.H. SELAND

Does long chain polyunsaturated fatty acids (PUFA) protect against diabetic retinopathy?

J. PIECZYNSKI, E. BANDURSKA-STANKIEWICZ, W. MATUSZEWSKI, J. RUTKOWSKA, D. WIATR-BYKOWSKA

Diabetic retinopathy prevalence in patients with short duration (1-10 years) of type 1 diabetes in Warmia and Mazury region, Poland

M. GORCZYCA, S. ZALEWSKI

Evaluation of the effectiveness of surgical treatment of idiopathic macular holes using optical coherence tomography

J. PIECZYNSKI, E. BANDURSKA-STANKIEWICZ, W. MATUSZEWSKI

Posterior vitrectomy in the ophthalmology unit of general district hospital in Olsztyn, Poland

M.B. SULTAN, C. STARITA, K. HUANG

Prevalence and incidence of diabetic macular edema in the pediatric population

H.M. WHARTON, J.M. GIBSON, P.M. DODSON

How accurate are photographic surrogate markers used to detect macular oedema in the English National Screening Programme?

M. LIND, A.K. SJØLIE

Pre-eclampsia is not a predictor of progression of diabetic retinopathy

2.45–3.10 Coffee break

SESSION 4 RISK FACTORS

Chairs: Simon HARDING and Elżbieta BANDURSKA-STANKIEWICZ

3.10–3.30 Deborah BROADBENT

Report to Conference: Screening for diabetic retinopathy in Europe/Strategies for overcoming hurdles to progress

3.30–3.45 K. TILMA, T. BEK

Cardiovascular disease and mortality are related to which vision threatening complication that develops in type 2 diabetic patients

3.45–4.00 G.M. MORPHIS, T.A. SANDIGHA, I.A. MCKAY, D.M. BROADBENT, S.P. HARDING, H. HEIMANN

Survival analysis of diabetic patients undergoing vitrectomy

4.00–4.45 Eva KOHNER lecture: Irene STRATTON

*Does high blood pressure matter in DR?
A review of evidence old and new*

4.45–5.00 **ANNUAL GENERAL MEETING**

GALA DINNER

8.00

GDANSK UNIVERSITY OF TECHNOLOGY,
GABRIELA NARUTOWICZA 11/12 STREET



SUNDAY 15TH MAY 2011

SESSION 5 PATHOPHYSIOLOGY OF DIABETIC RETINOPATHY

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Chairs: Edoardo MIDENA and Toke BEK

9.00–9.30 Invited lecture: Rafael SIMÓ

Neurodegeneration as an early event of diabetic retinopathy: therapeutic implications

9.30–9.45 E. MIDENA, F. MARTINI, A. REDIU, M. CASCIANO, S. VUJOSEVIC

Retinal Glial Cells Activation in Diabetics with and without Retinopathy: An in Vivo Study

9.45–10.00 S. VUJOSEVIC, E. PILOTTO, F. MARTINI, A. REDIU, E. MIDENA

Diabetic Choroidopathy: A Spectral Domain OCT Study

10.00–10.15 S.P. HARDING, S.J. GLOVER, P.I. BURGESS, D.B. COHEN, H.W.C. HOFLAND, E.E. ZIJLSTRA, T.J. ALLAIN

Prevalence of diabetic retinopathy and visual impairment in diabetic patients in sub-Saharan Africa

10.15–10.30 T. PETO, T.E. CLEMONS, F.B. SALLO, I. LEUNG

The impact of diabetes on the characteristics of Type 2 Macular Telangiectasia

10.30–11.00 Coffee break

SESSION 6 SCREENING AND PREVENTION

Chairs: Francesco BANDELLO and Krystyna RACZYŃSKA

11.00–11.30 Invited lecture: Jan TATOŃ

Prevention and rehabilitation of significant vision impairment with diabetes mellitus

11.30–11.45 H.L. TANG, T. PETO, J. GOH, Y. JIN, C. CHULUUNKHUU

Filtering Normal Diabetic Retinopathy Images through Evolutionary Computation

11.45–12.00 **LATE BREAKING NEWS ABSTRACT**

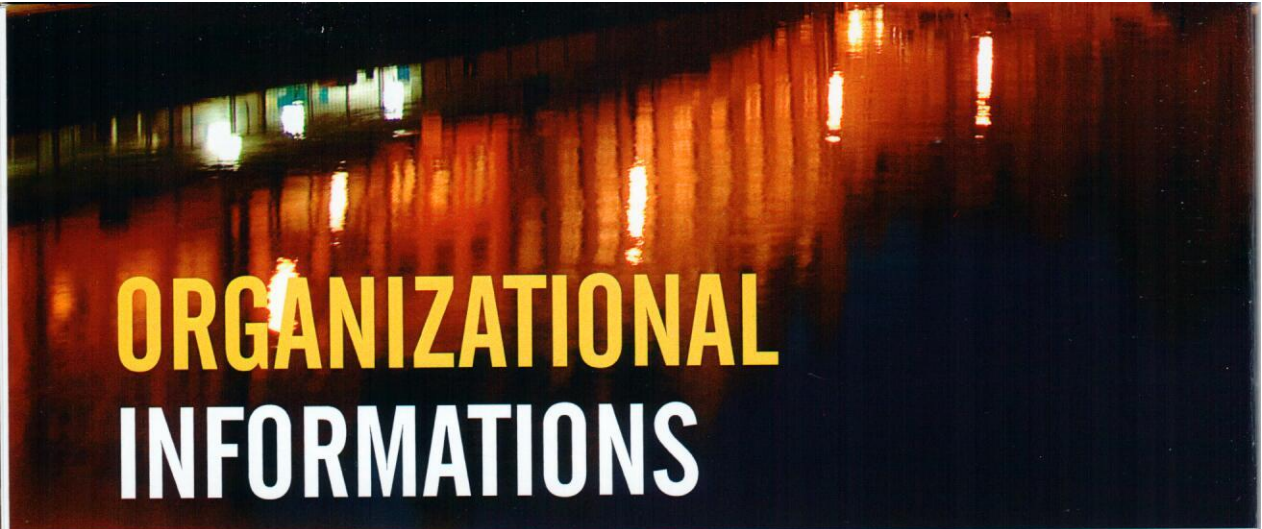
12.00–12.15 T.K. GELETEW, P.M. AMRELIA, H.M. WHARTON,
P.M. DODSON, J.M. GIBSON, A. WRIGHT

Proliferative diabetic retinopathy (R3) referrals from the digital diabetic retinopathy screening program: Urgency of appointment in the hospital eye service achieved and needed?

12.15 **AWARDING OF THE BEST POSTER PRIZE**

12.20 **CLOSURE OF THE MEETING**





ORGANIZATIONAL INFORMATIONS

CHAIRMAN OF THE ORGANIZING COMMITTEE

Elżbieta BANDURSKA-STANKIEWICZ

CONGRESS VENUE

Medical University of Gdansk
M. Skłodowskiej-Curie 3a Street

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ORGANIZERS

Department of Endocrinology, Diabetology and Internal Diseases
of the University of Warmia and Mazury

Department of Hypertension and Diabetology
of the Medical University of Gdansk
and *Termedia* Publishing House

LANGUAGE

The official language of the Congress is English

FRIDAY 13TH MAY 2011

7.15: Opening Ceremony followed by refreshments
(admission upon presenting ID badge)

Artus Court
Gdansk, Długi Targ 43/44

SATURDAY 14TH MAY 2011

Gala dinner: 8.00
(admission upon presenting ID badge)
Gdansk University of Technology
Gabriela Narutowicza 11/12, 80-233 Gdansk



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REGISTRATION

13th May: 11.30–18.30

14th May: 8.00–17.00

15th May: Certificates can be collected between 8.00 and 13.00.

LUNCH

Lunch will be served upon presenting a voucher:

13th May: 12.00–12.30

14th May: 12.50–13.45

ID BADGES

ID badges: authorize holders to participate in the lectures,
Medical Exhibition, Opening Ceremony and Gala Dinner.

TAXI

Conference participants get a 20% discount
at City Plus Neptun Taxi (+48 58 511 15 55)
for the password: EASDec.

