

## **EASDEC 2012 Programme**

25<sup>th</sup> May 2012: Friday

Satellite 1:

4.30– 6.00 Grading for diabetic retinopathy workshop

Chaired by: Steve Aldington and TBC

5.00 – 6.00: Medical Practitioners with special interest in ophthalmology attending the combined EASDec/ICO Meeting are welcome to attend the Moony Lecture delivered by Professor Einer Stefansson: for details please consult the ICO website

7.15 Opening ceremony followed by refreshments

26<sup>th</sup> May 2012: Saturday

8.30 – 9.00: Registration

9.00 – *Introduction and welcome Professor Ann Katrin Sjolie*

### ***Session 1: The European Diabetic Macular Oedema (DMO) Treatment Symposium***

Chairs: Professors Massimo Porta and David Keegan

9.15 – 9.45: Professor Paul Dodson – what treatments are available? How are these utilised in the UK?

9.45 – 10.00: Dr Mark Cahill: The Irish DMO Pathway

10.00 – 10.15: Professor Anne Katrin Sjolie: The Danish National DMO Pathway

10.15 – 10.30: Professor Reiner Schlingermann: The Dutch perspective

10.30 – 10.45: Professor Pascale Massin: The French perspective

10.45 – 11.00: Panel discussion

11.00 – 11.30: Coffee/tea, exhibitions

### ***Session 2: Pathophysiology of diabetic retinopathy***

Chairs: Professors Alan Stitt and Einer Stefansson

11.30 – 11.45: Winner of the best abstract prize: Retinopathy precedes the development of left ventricular dysfunction. An 8-year follow-up of the Hoorn Study. I. Walraven, K. van den Hurk, E. van 't Riet, C. D. A. Stehouwer, G. Nijpels, B. C. P. Polak, J. M. Dekker

11.45 – 12.00: A possible role for angiotensin II in the regulation of glucose entry in human retinal pericytes. E. Berrone, E. Beltramo, M. Porta

12.00 – 12.15: Damage induced by exposure to intermittent high glucose in human retinal pericytes: cytotoxicity or apoptosis? E. Beltramo, E. Berrone, M. Lorenzi, M. Porta

12.20 – 12.35: Pro-apoptotic and survival signaling in the neuroretina at early stages of diabetic retinopathy. R. Simó, A.M. Valverde, S. Miranda, M. Garcia-Ramírez, A. Gonzalez-Rodríguez, C. Hernández

12.30 – 1.00: Eva Kohner lecture: Professor Hans-Peter Hammes: Diabetic retinopathy - lessons from preclinical models

Introduced by Professor Einer Stefansson

1.00 – 2.00: Lunch and Exhibition viewing

1.30 – 3.00:

### **Session 3: Poster session**

Chairs: Professors Marie Hickey Dwyer and Simon Harding

Black Africa Retinopathy due to diabete. A. Diandomba, A. Eballe, E. Sobngwi, P. Bensaid

A predictive index for retinopathy development using HbA1c values in younger onset type 1 diabetes. A. Hirose, S. Kitano, Y. Uchigata

Is there variability in Visual Acuity of Patients with diabetic maculopathy recorded in the digital diabetic retinopathy screening service compared to the Hospital Eye Service? N. Bilkhu, H. Wharton, M. Clarke, A. Syed, P. Dodson

Is diabetic retinopathy screening in the over 90's justifiable? C.J. Clark, I. Rostom, A. Ashurst, W. Gatling, B.N. Matthews

Health Related Quality of Life in Patients with Diabetic Retinopathy. C. Tadros, N. Kontodimopoulos, E. Feretis, S. Kabanarou, T. Peto

Poor Quality Images (PQI) Within A Screening Programme For Diabetic Retinopathy. P. Douglas, C. Mallon, M. Purvis, J. Grattan, P. M. Hart

The first screening test for diabetic retinopathy in diabetes type 1 and 2 patients using colour retinography in Poland. E. Bandurska-Stankiewicz, W. Matuszewski, D. Wiatr-Bykowska, J. Pieczynski, A. Wroblewska, J. Rutkowska

Combined Pancreas and Kidney Transplantation vs. Isolated Pancreas Transplantation - Is There a Different Effect on the Course of Diabetic Retinopathy? R. Svancarova, T. Sosna, R. Koznarova, M. Netukova, F. Saudek, M. Adamec

Optic Disc Haemorrhage Audit. J. W. Miah, H.M. Wharton, P.M. Dodson, M. Clarke, J.M. Gibson

Performance of the Appasamy Digital Fundus Camera ADF50 using 7-field stereo photography for diabetic retinopathy. S. Pathai, M. Rajan, H. Weiss, L. D'Costa, A. Palaniraj, C. Gilbert, T. Peto

Grading the Laser Treated Macula within a Screening Programme for Sight Threatening Diabetic Retinopathy (STDR). M. Foster, S. Wright, F. Stirling, L. MacDuff, P.M. Hart

Audit of Expedited Reports on patients deemed to require urgent referral from a Diabetic Retinopathy Screening Programme in a two year period. S. E. Johnston, P. G. McElduff, C. A. McKenna, R. S. Robinson, H. I. Wilson, P. M. A. Hart

Audit of referrals with suspected Glaucomatous Disc/s from a Diabetic Retinopathy Screening Programme (DRSP). S.J. Wilson, C.A. McKenna, J. Moore, P.M. Hart.

Retinal Thickness in Pregnant Women with Diabetes. S. K. Golar, H. Wharton, M. Clarke, J.M. Gibson, P.M. Dodson

Reproducibility of Retinal Thickening grading on stereo colour fundus and OCT images in Diabetic Retinopathy. F. Picton, B. Hamill, T. Peto, K.A. Muldrew, M.J. Quinn

Macular Pigment Optical Density Measured by Heterochromatic Flicker Photometry in Diabetic and Nondiabetic Patients: A Comparative Study. M.G. Ratzlaff, A. Murphy, K. O'Connor, C. O'Brien, J. Loughman, P. Connell

The influence of the anti-VEGF treatment on diabetic macular edema (DME) at patients with proliferative diabetic retinopathy (DR) (preliminary report). U.E. Bautina, D.V. Lipatov, D.S. Atarshchikov, T.A. Chistyakov, A.G. Kuzmin, N.P. Goncharov, M.V. Shestakova

Identifying glaucoma suspects within a Diabetic Screening Programme. M. Treacy, L. O'Toole, A. Murphy, K. O Sullivan, Y. Delaney, C. O'Brien

Referrals from a Diabetic Retinopathy Screening Programme(DRSP) for Suspected Treatable Choroidal Neovascular Membrane(CNVM). S.M.G. Beare, S.J. Wilson, P.M. Hart

Diabetic retinopathy among diabetic patients in Nuuk, Greenland. L. Falck, M. B. Viese, N. Larsen

Concordance of diabetic retinopathy grading amongst graders of NetwORC UK. Tunde Peto on behalf of NetwORC UK.

Evaluation of a Community Based Diabetic Retinopathy Screening Initiative. S. Doherty, D. Quinlan, S. Mc Hugh, I. Perry, G. O'Keefe, M. James, E. Keane

Diabetic Retinopathy Screening using manual and automated 3 Step Grading of Fundus Photographs with supplementary OCT in an OPDR setting. F. Ibrahim, S. O'Connor, A. McNabb, A. Dunne, H. Nolan, M.T. Cahill

The prevalence of diabetic retinopathy in newly referred diabetics: The experience of a hospital-based screening program. S. Ní Dhubhghaill, M. O'Rourke, N. Collins, S. Murphy, F. Hayes, N. Horgan

2.45 – 3.00: Coffee to be served

#### **Session 4: Diabetic retinopathy screening intervals – what do we know and what information do we need?**

Chairs: Professors Elizabeth Agardh and Anne Katrin Sjolie

3.00 – 3.15: Is twelve years old an acceptable age at which to begin Diabetic Retinopathy Screening? A. Hamid, H.M. Wharton, A. Mills, J.M. Gibson, M. Clarke, P.M. Dodson

3.15 - 3.30: Extending screening intervals in a photographic screening program for diabetic retinopathy. J.J. Smith

3.30 – 3.45: Clinical characteristics of patients with type 2 diabetes should be considered to modulate screening intervals for retinopathy. M. Porta, M. Trento, E. Sitia, S. Albani, E. Lamarmora, P. Dalmaso, F. Cavallo

3.45 – 4.00: Individualized screening of diabetic retinopathy decreases cost for government and society: An economic evaluation. H.D.J. Jonsdottir, Ó.P. Pálsson, P.M. Matthíasson, E.S. Stefánsson

4.00- 4.10: Chairman's remarks and summary

4.10 – 4.40: Keynote Lecture: Professor Einer Stefansson: Diabetic eye screening and information technology

Introduced by Elizabeth Agardh

4.40 – 5.15: Annual General Meeting

Gala dinner: 7.30 for 8.00 at the RDS

27<sup>th</sup> May 2012, Sunday

#### **Session 5: Clinical trials and factors contributing to progression of diabetic retinopathy**

Chairs: Pascale Massin and Mark Cahill

9.00 - 9.15: Effects of fenofibric acid on diabetic macular edema measured by optical coherence tomography. P. Massin, T. Peto, K. Le-Malicot, J. C. Ansquer

9.15 – 9.30: Long-term safety and efficacy outcome of ranibizumab 0.5 mg in patients with visual impairment due to diabetic macular edema: the RESTORE extension study. C. Bailey

9.30 – 9.45: Sustained Low-Dose Treatment With Fluocinolone Acetonide (FAC) Is Effective for Treating Chronic Diabetic Macular Oedema (DMO). A. Cole and C. Bailey

9.45 – 10.00: Primary care achievement of HbA1c targets is related to risk of diabetic retinopathy in patients with no retinopathy at baseline. D.C. Jenkin, S. Corcoran, M. Ashworth, G. Stewart

10.00 – 10.30: Invited lecture: Alan Stitt - Potential for regenerating the retinal vasculature during early-stage diabetic retinopathy

Introduced by Professor Pascale Massin

10.30 – 11.00: Coffee break

### ***Session 6: Screening for complication and other retinal diseases***

Chairs: Professor Rafael Simo and Paul Connell

11.00 – 11.15: Risk factors for blindness in young patients with type 1 diabetes. M.L. Rasmussen, R.B. Pedersen, U. Frydkjær-Olsen, J. Grauslund, A.K. Sjølie

11.15 – 11.30: Two years of the on-line QA/Test and Training in the English NHS Diabetic Eye Screening Programme. S.J. Aldington, I.M. Stratton, P.H. Scanlon

11.30 – 11.45: Hollenhorst Plaques in Diabetic Retinopathy Screening. A. Farnsworth, A. Wright, P. Dodson

11.45 – 12.00: Diabetes mellitus is not associated with age-related macular degeneration: the Tromsø eye study. M.G. Erke, G. Bertelsen, T. Peto, A.K. Sjølie, H. Lindekleiv, I. Njølstad

12.00 – 12.15: What is the prevalence of diabetic macular oedema involving the centre of the macula in patients undergoing digital diabetic retinopathy screening? T. Kebede, H. Wharton, S. Barbaccia, B. Dass, S. Osei-Amoako, J.M. Gibson, P.M. Dodson

12.15: Best poster prize ceremony: handed out by Tunde Peto

12.30: Closing remarks by Professor Massimo Porta