

RARE METABOLIC and DIABETIC DISEASES

September 29-30, 2017

(Palazzo della Salute – Padua, Italy)

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Day 1 - Sept 29 Friday

13.30-14.00 Prof. Roberto Vettor, Dott. Pietro Maffei

Wellcome and introduction

Introduction to rare diseases networks and diagnosis of rare diseases

Chairmen: Giorgio Sesti ("Magna Graecia" University, Catanzaro, Italy), Marco Boscaro (Padua University, Italy)

14.00-14.20 Rare Disease Networks: The European and Italian perspective

Monica Mazzucato, Centro Regionale Malattie Rare, Padua, Italy

14.20-14.40 ENDO-ERN: past, present and future

Annamaria Colao, Federico II° University, Naples, Italy

14.40-15.00 The laboratory in the early diagnosis of rare metabolic diseases

Alberto Burlina, Padua University, Italy

15.00-15.15 Discussion

New therapies for metabolic and diabetic diseases – Part 1

Chairman: Tarek Hiwott (Birmingham University, UK), Roberto Vettor (Padua University, Italy)

15.15-15.35 Targeting GLP-1 for the therapy of diabetes

Giorgio Sesti, Catanzaro University, Italy

15.35-15.55 The new glucagon receptor antibody for the treatment of diabetes

Zung Thai, Remd, USA

15.55-16.15 The pleiotropic effects of SGLT2 inhibition

Paola Fioretto, Padua University, Italy

16.15-16.30 Discussion

Coffee Break

Rare metabolic and diabetic diseases

Chairmen: Angelo Avogaro (Padua University, Italy), Carlo Foresta (Padua University, Italy)

17.00-17.20 Lipotrophic diabetes and lipodystrophic syndromes

Paolo Sbraccia, Rome Tor Vergata University, Italy

17.20-17.40 Wolfram syndrome and the EURO-WABB project

Tim Barrett, Birmingham University (QEH), UK

17.40-18.00 Metabolic complications of Prader-Willi syndrome

Claudio Pagano, Padua University Hospital, Italy

18.00-18.15 Discussion

Day 2 – Oct 30 Saturday

Hot topics: rare disease networks, diagnosis and bioinformatic

Chairmen: *Nella Greggio (Padua University, Italy), Giorgio Perilongo (Padua University, Italy)*

08.15-08.35 Researched evidence of the need for a rare disease home nurse support service.

Kay Parkinson, CEO, Cambridge Rare Disease Network and Lead Alstrom Europe, UK

08.35-08.55 Neonatal diabetes: what we have learnt ?

Fabrizio Barbetti, Rome Tor Vergata University, Italy

08.55-09.15 Digging in the database and managing big data

Tim Guilliams, CEO of Healx, UK

09.15-09.30 Discussion

Rare ciliopathies with diabetes

Chairmen: *Tim Barrett (Birmingham University, UK), Giorgio Perilongo (Padua University, Italy)*

09.30-09.50 The Bardet-Biedl Syndrome: a model for insulin resistance

Vincent Marion, Strasbourg University, France

09.50-10.10 The Alstrom Syndrome: clinical update

Pietro Maffei, Padua University, Italy

10.10-10.30 Bardet-Biedl and Alstrom syndrome: molecular approach and new mechanisms

Diana Valverde, Vigo University, Spain

10.30-10.45 Discussion

Coffee Break

New therapies for rare metabolic and diabetic diseases – Part 2

Chairman: *Tarek Hiwott (Birmingham University, UK), Roberto Vettor (Padua University, Italy)*

11.00-11.20 MC4R

TBD

11.20-11.40 PBI-4050 a new therapy for Alstrom syndrome affecting metabolism and fibrosis

Sanjay Patel, Prometic, UK-Canada

11.40-12.00 New therapies for obesity

Luca Busetto, Padua University, Italy

12.00-12.15 Discussion

Round Table: The voice of Patient's Associations:

Chairman *Kay Parkinson (Alstrom Europe), Marina Valenti (Alstrom Syndrome Italy)*

12.15-12.30 Alstrom Syndrome UK

TBD, UK

12.30-12.45 Alstrom Syndrome International

Robin Marshall, ASI, USA

12.45-13.00 Wolfram Syndrome associations

TBD, France

13.00-13.15 Closing remarks

Prof. Roberto Vettor, Dott. Pietro Maffei

Programme Organising Committee: *Dott.ssa Francesca Dassie, Dott.ssa Francesca Favaretto, Dott.ssa Gabriella Milan, Dott. Pietro Maffei (Chair), Prof. Roberto Vettor (Chair)*

Endorsement requested: *SIE, AME, SID, AMD, SIO, Regione Veneto, SIEDP, Padua University, Azienda Ospedaliera Padova, Ordine dei Medici di Padova*

Organizing Secretariat & Registration: *qbggroup, Padua, Italy*