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Program
Friday March 15th, 2013

15:00 Welcome address
Rudolf F. Guthoff ML

Session 1: Advances in diabetes research
Moderators: Simone Baltrusch, Dan Ziegler
15:10-17:30
Neuropedgeneration: Lessons for the diabetic retina
Hans Peter Hammers
Neuropathy in diabetes and prediabetes – diagnostic and therapeutic considerations
Dan Ziegler
Early detection of glial dysfunction
Andreas Reichenbach
Obesity and vascular damage
Matthias Blüher
Mitochondrial dysfunction and diabetes
Simone Baltrusch
Diabetic stress and diabetes
Peter Nawroth ML
In vivo biomarkers of retinal neural and glial changes in diabetes
Eduardo Medina
17:30-18:00 Coffee break

Public Evening Lectures
18:00-19:00
Demography of diabetes mellitus in aging populations
Gabriele Dobhammer-Reiter
Diabetic research – past, present and future
Paul A. Sieving
19:30 – 22:00 Maritime Event

Saturday March 16th, 2013

Session 2: Ophthalmic imaging: The eye as a biomarker for neuropathy
Moderators: Rayaz Malik, Andreas Wree
09:30-11:50
Novel imaging techniques
Jens Dzwonyński
Advances in in-vivo imaging of corneal nerves
Oliver Stachs
Software-based imaging and quantitative analysis of the corneal sub-basal nerve plexus
Bernd Köhler
Subbasal epithelial nerve plexus – its present role in the evaluation of diabetic neuropathy
Rayaz Malik
Pathogenesis of corneal nerve damage
Marine Hokajian
The subbasal nerve plexus and its relevance for clinical research
Andreas Wree
OCT and diabetic maculopathy can it guide the management
Peter Wiedemann ML
17:30-18:00 Lunch break

Session 3: Diabetes care – today and tomorrow
Moderators: Gabriele Lang, Christof Schober
13:00-15:00
Early detection of neural dysfunction
Thomas Gardner
In- and outpatient diabetes care – a practical approach
Hans-Christoph Schober
Risk Factors and Pathogenesis of Diabetic Retinopathy
Gabriele Lang
Therapies on Retinopathy
Francesco Bandello

Recent innovations for antidiabetic therapy
Peter Baumgart
Diabetic neuropathy in Subsaharan Africa
Andrey Zhivov
15:00-15:30 Panel Discussion
Chairmen: Guthoff, Wiedemann
Panelists: Ziegler, Gardner, Hammers, Malik, Tiedge
15:00-15:30 Closing remarks
Peter Wiedemann ML

Speakers:
- Prof. Dr. Francesco Bandello
- University Vita-Salute Scientific Institute San Raffaele, Depart ment of Ophthalmology, Milano, Italy
- Prof. Dr. Simone Baltrusch
- Universität Rostock, Institute for Medicinal Biochemistry and Molecularbiology
- Prof. Dr. Matthias Blüher
- Universität Leipzig, Klinik und Poliklinik für Endokrinologie und Nephrologie
- Prof. Dr. Peter Baumgart
- Clemenshospital GmbH Münster, Klinik für Innere Medizin
- Prof. Dr. Jens Dzwonyński
- Universität Leipzig, Klinik und Poliklinik für Augenheilkunde
- Prof. Dr. Gabriele Dobhammer-Reiter
- Universität Rostock, Wirtschafts- und Sozialwiss. Fakultät, Empirische Sozialforschung und Demografie
- Prof. Dr. Thomas W. Gardner
- University of Michigan, Kellogg Eye Center, USA
- Prof. Dr. Rudolf F. Guthoff ML
- Universität Rostock, Klinik und Poliklinik für Augenheilkunde
- Prof. Dr. Peter Hammers
- Universität Mannheim, V. Medizinische Klinik – Nephrologie, Hypertensiologie, Endokrinologie, Diabetologie, Rheumatologie