



Prof Dan Ziegler, Head of Neuropathy at German Diabetes Center at Heinrich Heine University, Germany will coordinate the special session about diabetic neuropathy. He will give a strategic presentation about the current concepts in the pathogenesis, diagnosis, and treatment of diabetic neuropathy.

Among the topics which will be discussed by Prof. Dan Ziegler:

- Role of oxidative stress in the development and progression of diabetic neuropathy
- Novel methods to assess small nerve fiber pathology (skin biopsy, corneal confocal microscopy)
- Current evidence for causal treatment (glycemic control, multifactorial risk intervention)
- Role of pathogenetic treatments under particular consideration of oxidative stress
- Evidence based management of neuropathic pain
- Novel biomarkers for diabetic neuropathy focusing on oxidative stress and inflammation
- Tools for screening and clinical diagnosis of diabetic polyneuropathy

**Who is Prof Dan Ziegler?**

Prof Dan Ziegler is Deputy director, research group leader, and professor of Internal Medicine at Institute for Clinical Diabetology, German Diabetes Center, Leibniz Center for Diabetes Research at Heinrich Heine University. He is also consultant physician, Department of Endocrinology and Diabetology at University Hospital, Heinrich Heine University, Düsseldorf, Germany.

His areas of interest are pathophysiology, pathology, diagnosis, screening, prevention, and treatment of diabetic polyneuropathy, neuropathic pain, cardiovascular autonomic neuropathy, gastrointestinal motility, and erectile dysfunction; design of clinical trials.

### **He was awarded for the following prizes:**

- Jühling Prize of the Anna Wunderlich-Ernst Jühling Foundation, Düsseldorf, December 1994
- Ferdinand Bertram Prize of the German Diabetes Association (DDG), Basel, May 1996
- Camillo Golgi Prize of the European Association for the Study of Diabetes (EASD), Stockholm, Sweden, September 2010
- Research Prize of the Heinz Bürger-Büsing Foundation for the exploration and treatment of diabetes mellitus, Mainz, Germany, February, 2015

He also published more than 300 original articles, reviews, and book chapters.

Pr Ziegler is also **member in authorized expert panels for clinical guidelines:**

- Coauthor of a Position Statement on Diabetic Neuropathies of the American Diabetes Association (ADA) (Diabetes Care 2005 and 2015)
- Expert panel authorized by the German Diabetes Association (DDG) on evidence based guidelines and clinical practice guidelines for diabetic sensorimotor and autonomic neuropathies
- Expert panel authorized by the Agency for Quality in Medicine (ÄZQ) on the National Disease Management Guidelines Diabetes mellitus and Neuropathy (NVL)
- Expert panel authorized by the German Association for the Study of Pain (DGSS) on the long-term use of opioids in non-tumor caused pain (LONTS)
- Expert panel authorized by the German Society for Neurology (DGN) on the treatment of neuropathic pain
- Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials (IMMPACT) on prevention of neuropathic pain
- Toronto Consensus on Diabetic Neuropathy (2010)
- NeuPSIG Consensus Group on Quantitative Sensory Testing (2013)

### **... member of the following scientific committees:**

- Expert member in the Focussed Sub-Group on Microvascular Complications of the Road Map for Diabetes Research in Europe (DIAMAP) initiated by the Alliance for European Diabetes Research (EURADIA) since 2010
- Executive Committee of NEURODIAB since 2009-2015
- Executive Committee of the Working Group Diabetes and Nervous System of the German Diabetes Association (DDG) since 1996
- Chairman of the working group Diabetes and Nervous System of the German Diabetes Association (DDG) since 2004
- Scientific Board of the Information Centre for Sexuality and Health (Freiburg, Germany) since 1999
- Executive Committee of the Working Group Diabetes and Autonomic Nervous System of the German Neurological Association (DGN) since 2004

### **... member of editorial boards:**

- Editorial Board of Clinical Autonomic Research; official journal of the AAS, CARS, and EFAS since 2002
- Editorial Board of Der Diabetologe since 2005
- Editorial Board of Journal of Diabetes Research since 2008
- Editorial board of Open Diabetes Journal since 2008
- Editorial Board of Gerontology since 2012
- Editorial Board of Behavioural Neurology since 2014
- Editorial Board of World Journal of Diabetes since 2010

### **... member of associations:**

- European Association for the Study of Diabetes (EASD)
- Diabetic Neuropathy Study Group of the EASD (NEURODIAB)
- German Diabetes Association (DDG)
- European Federation of Autonomic Societies (EFAS)
- Working Group Diabetes and Nervous System of the DDG
- Working group Autonomic Nervous System of the German Society of Neurology
- NRW Society for Endocrinology and Diabetology
- Royal College of Physicians of Edinburgh (FRCPE since 22.10.2003)

And **honorary member** of the Argentinian Diabetes Association (Sociedad Argentina de Diabetes) and the Hungarian Diabetes Association.