



UMF
UNIVERSITATEA DE
MEDICINĂ ȘI FARMACIE
IULIU HATIEGANU
CLUJ-NAPOCA



FACULTY of MEDICINE
DEPARTMENT of
NEUROSCIENCES



FOUNDATION OF THE
SOCIETY FOR THE STUDY OF
NEUROPROTECTION AND
NEUROPLASTICITY



**International
School of Neurology**



Danube-University
Krems



NEURODIAB
Society for Diabetic
Neuropathy



RoNeuro
Institute for Neurological
Research and Diagnostic

NeuroSeminars

Department of Neurosciences
University of Medicine
and Pharmacy “Iuliu Hatieganu”
Cluj-Napoca | Romania

FEBRUARY 19, 2015

“IULIU HATIEGANU” AUDITORIUM,

23 GHEORGHE MARINESCU STREET | 400337 CLUJ-NAPOCA | ROMANIA

“IULIU HATIEGANU” UNIVERSITY OF MEDICINE AND PHARMACY

Welcome Address

It is a pleasure to welcome you on the 22th of February 2015 to the 9th edition of this European Seminars of the Neurosciences Department, Faculty of Medicine, University of Medicine and Pharmacy "Iuliu Hatieganu" Cluj-Napoca.


These seminars aim to establish a highly useful framework enabling local specialists to benefit from the expertise of our invited speakers who are part of associated international faculty of our Department of Neurosciences. Our goal is to flourish over years and set up an educational network tool meeting our junior and senior specialists' needs.

In contrast to large international conferences, the intention behind these seminars is to create an informal and intimate setting, which hopefully will stimulate open discussions. As organizers, we would therefore be deeply grateful if you participate and share your time with us.

We are looking forward to your active participation in this European educational event!

With consideration,

Prof. Dr. DaŃin F. Muresanu,
Chairman Department of Neurosciences, Faculty of Medicine,
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj Napoca, Romania



Faculty

(in alphabetical order)

Ovidiu Băjenaru /Romania

Andrew Boulton /UK

Michael Brainin /Austria

Peter Kempler /Hungary

Tudor Lupescu /Romania

Dafin F. Muresanu /Romania

Gabriel-Ioan Prada /Romania

Ioan Veresiu /Romania

Dan Ziegler /Germany



Organizers



UMF

IULIU HAȚIEGANU
UNIVERSITY OF
MEDICINE AND PHARMACY
CLUJ-NAPOCA

University of Medicine and Pharmacy
"Iuliu Hatieganu", Cluj Napoca, Romania
www.umfcluj.ro



FACULTY of MEDICINE
DEPARTMENT of
NEUROSCIENCES

Faculty of Medicine
Department of Neurosciences
University of Medicine and Pharmacy
"Iuliu Hatieganu"
Cluj-Napoca, Romania



FOUNDATION OF THE
SOCIETY FOR THE STUDY OF
NEUROPROTECTION AND
NEUROPLASTICITY

Fundation of the Society for the Study of
Neuroprotection and Neuroplasticity
www.ssnr.ro



International
School of Neurology

International School of Neurology



Danube-University
Krems

Danube-University Krems



neurodiab
Society for Diabetic Neuropathy

Neurodiab
www.neurodiab.org



Roneuro - Institut
of Neurological Disorders Research And Diagnosis
www.roneuro.ro



Faculty

- 1983 : M.D. at the Faculty of Medicine of University of Medicine and Pharmacy "Carol Davila" Bucharest
- 1989 : specialist in neurology, confirmed by the Ministry of Health of Romania
- 1993 : Ph.D. at the University of Medicine and Pharmacy "Carol Davila" Bucharest
- 1999 (since) : Professor of Neurology at the University of Medicine and Pharmacy "Carol Davila" Bucharest, Chairman and Head of the Neurology Department of the University Hospital of Emergency Bucharest
- 2000-2004 : Vice-Dean of the Faculty of Medicine - University of Medicine and Pharmacy "Carol Davila" Bucharest
- 2001(since) : President of the Romanian Society of Neurology
- 2003 – 2009 : member of the Scientific Committee of ECTRIMS
- 2004 - 2009 : Member of the Executive Committee of the European Society of Neurology
- 2008 (since) : Romania official delegate in UEMS – EBN (Board of Neurology)



OVIDIU
BĂJENARU
/ROMANIA

*sept. 2010: elected Secretary of the Executive Committee of UEMS-EBN

2011 (since): Director of Department of Neurology, Neurosurgery and Psychiatry of the University of Medicine and Pharmacy "Carol Davila" Bucharest

Post graduate training :

1992 - 1994 : post graduate training in clinical neurology and functional investigations of the nervous system at University "Rene Descartes"(Paris)

Fields of interest for the scientific research

- stroke, dementia and neurodegenerative diseases (in particular Alzheimer and Parkinson's disease), multiple sclerosis
- more than 300 scientific papers published and reported in different national and international scientific meetings, 5 medical books and monographies (published in Romania), co-author (1 chapter) to the "International Neurology - A Clinical Approach", Wiley-Blackwell, 2009; Principal Investigator in 12 research grants from the Romanian National Council for Science and Research, Country Principal Investigator in an International Program of Research for genetic factors in stroke patients; Country Principal Investigator – in more than 30 international, multicentric clinical trials; Principal Investigator of the research site – in more than 30 international and national multicentric trials

Professor Boulton is a graduate of Newcastle-upon-Tyne and subsequently trained in Sheffield, and Miami prior to accepting an appointment at Manchester University. He has authored more than 450 peer-reviewed manuscripts and book chapters, mainly on diabetic lower limb and renal complications.

Among his many awards, he has received the ADA's Roger Pecoraro Lectureship, the EASD Camillo Golgi prize and was the first recipient of the international award on diabetic foot research. He was the 2008 winner of the ADA's Harold Rifkin award for distinguished international service in diabetes. Most recently he received the 2012 Georgetown distinguished achievement award in diabetic limb salvage.

He is a previous editor of Diabetic Medicine and is currently an associate editor of Diabetes Care.

He was the founding Chairman of the Diabetic Foot Study Group and was previously Chairman of Postgraduate Education and then Hon. Secretary/ programme chair for the EASD. He is currently President of the EASD.



ANDREW
BOULTON
/UK

Faculty

Professor Brainin is full Professor of Clinical Neurology at the Danube University in Krems, Austria, and Director of the Department of Clinical Neurosciences and Preventive Medicine. He is chairman of the Department of Clinical Neurosciences and heads the Department of Neurology at the University Hospital Tulln, in Austria.

His research focus is on cerebrovascular diseases, education and clinical trials. He has been instrumental in setting up stroke unit services in his country and is co-chair of its national quality and outcomes committee.

From 2012-2014 he was President of the European Stroke Organization (ESO). Since 2008 he is Executive Board Member (Treasurer) and in 2014 was reelected as one of four European Board representatives in the World Stroke Organization (WSO). For the European Federation of Neurological Societies (EFNS) he was chair of the Scientific Committee and continues to be a member of this committee as well as Board member of the European Academy of Neurology (EAN). He is a member of the Programme Committee for the first congress of the European Academy of Neurology in 2014.

He has an interest in postgraduate education. He is chairman of the WSO Education Committee for which he has co-directed teaching programmes in many regions of the world, including China, Vietnam and South Africa. He is editor-in-chief of the World Stroke Academy, an innovative and global web-based teaching website of the WSO. He directs several postgraduate teaching programmes at his university, among them Master Programmes in Neurorehabilitation and the WSO-supported ESO Master Programme in Stroke Medicine which currently attracts students from over 15 countries.

He is associate editor of the European Journal of Neurology and has editorial responsibilities for the Journal "Stroke" (Section Editor for Brain Recovery and Rehabilitation) and the "International Journal of Stroke" (Section: Education). Professor Brainin also serves on the Editorial Boards of Neuroepidemiology, and the Journal of Neurological Sciences. He is a regular reviewer for a number of funding agencies including the European Science Foundation, and the Public Health Section of the European Commission.

Professor Brainin has published more than 200 peer-reviewed papers and edited 4 text books. He has been an invited lecturer and/or chairperson to more than 1.000 international conferences.

He is a Fellow of the ESO and International Fellow of the American Stroke Association. He has received several awards, honorary degrees and honorary memberships such as from the French Neurological Society, Hungarian Stroke Society and Indian Stroke Society.



**MICHAEL
BRAININ
/AUSTRIA**



Peter Kempler MD, PhD, DSc is Professor of Medicine at the 1st Dept of Medicine, Semmelweis University. His clinical interest includes mainly type 2 diabetes and especially diabetic neuropathy. He was Executive Committee member of NEURODIAB (EASD Neuropathy Study Group) between 2003 and 2009. He serves as an Executive Committee Member of the Central European Diabetes Association for the period 2014-2018, as well as Program Executive Board Member of ADIT (Advances in Diabetes and Insulin Therapy). He is a regular reviewer for journals including Nature Neurology, Diabetes Care, Diabetic Medicine and Diabetologia. The number of his publications is over 700. He served as the contact person of the Hungarian Diabetes Association to the IDF from 1999 to 2012. He is Board Member, Vice President and President Elect of the Hungarian Diabetes Association and President of the Diabetes Committee of the Semmelweis University. During the last 15 years he has won more than 20 scientific awards, including the Master Tutor Gold Medal, as well as two times the Prize "Best Scientific Tutor" of the Semmelweis University.



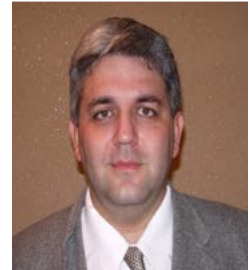
PETER KEMPLER
/HUNGARY



Faculty

Tudor Lupescu obtained his medical degree from “Carol Davila” University of Medicine in Bucharest, in 1989. After 3 years of training at Colentina Clinical Hospital he became Specialist in Neurology in 1994. Since 2006 he is running the Neurology Department at Agrippa Ionescu Hospital in Bucharest. 1998, he qualified as Consultant Neurologist. Since his early years of training in Neurology, Tudor Lupescu has shown a special interest in Clinical Neurophysiology. In 2000 he earned a Competence in Clinical Neurophysiology (EEG, EMG, and Evoked Potentials). 1997 he was the first to use Transcranial Magnetic Stimulation in Romania. This was also the subject of his PhD thesis presented in 2005. Since 2008, Tudor Lupescu is President of ASNER – Romanian Society of Electrodiagnostic Neurophysiology. He is also founding member and vicepresident of the the Romanian Society of Diabetic Neuropathy.

Dr Tudor Lupescu is associate member of the American Academy of Neurology, and associate member of the American Association of Neuromuscular and Electrodiagnostic Medicine. Between 2008 and 2013 he was also member of the Neurophysiology Subcommittee of ENS.



**TUDOR
LUPESCU**
/ROMANIA

Head of Neurology
Department, “Agrip-
pa Ionescu” Hospital,
Bucharest, Romania



Muresanu Fior Dăfin, MD, PhD, MBA, FANA, is the President of the Romanian Society of Neurology, Professor of Neurology, Chairman of the Neurosciences Department, University of Medicine and Pharmacy "Iuliu Hatieganu" Cluj-Napoca, member of the Academy of Medical Sciences, Romania. He also acts as the President of the Society for the Study of Neuroprotection and Neuroplasticity. In these roles, he is involved as member of the faculty in international educational programs of European Master (i.e. European Master in Stroke Medicine, University of Krems), organizer and co-organizer of European and international schools and courses (International School of Neurology, European Stroke Organisation Summer School, Danubian Neurological Society Teaching Courses). His activity includes involvement in many clinical studies and research projects, memberships in the executive board of many national and international societies, participations as invited speaker in national and international congresses, a significant portfolio of scientific articles (77 papers indexed on Web of Knowledge-ISI) as well as contributions in monographs and books published by prestigious international publishing houses. In the last 7 years, he was also invited as speaker in over 200 scientific events both national and abroad. Prof. Dr. Muresanu has been honoured with the Faculty of Medicine, University of Medicine and Pharmacy "Iuliu Hatieganu" Cluj-Napoca "Octavian Fodor Award" for the best scientific activity of the year 2010 and the 2009 Romanian Academy of Medical Sciences "Gheorghe Marinescu Award" for advanced contributions in Neuroprotection and Neuroplasticity.



**DAFIN F.
MURESANU
/ROMANIA**



Faculty

Gabriel-Ioan Prada, MD, PhD, graduated medical school at “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania in 1984 and after two years of internship at “Fundeni” Clinical Hospital in Bucharest, started his activity at “Ana Aslan” National Institute of Gerontology and Geriatrics in Bucharest since 1986. He is senior specialist in Geriatric Medicine and Gerontology and also in Internal Medicine. Dr.Prada has a Diploma in Gerontology at International Institute on Ageing - United Nations and a Master of Science Degree in the Faculty of Medicine, Department of Geriatric Medicine, “Victoria” University of Manchester, United Kingdom under the supervision of Prof. Raymond Tallis, editor of Brocklehurst’s Textbook of Geriatric Medicine and Gerontology. Dr.Prada also has a PhD degree in medical sciences at “Carol Davila” University of Medicine and Pharmacy, Bucharest. Currently, Dr.Prada is Medical Director at “Ana Aslan” National Institute of Gerontology and Geriatrics and also Professor of Geriatrics and Gerontology, head of the Chair of Geriatrics and Gerontology, Department 5, Faculty of Medicine, “Carol Davila” University of Medicine and Pharmacy, Bucharest. He is author of 10 books and book-chapters, national and international editions, and over 200 papers published or presented at national and international scientific meetings. Dr.Prada has been involved in several international and national research projects, including HYVET (Hypertension in the Very Elderly Trial), PREDICT (Increasing the PaRticipation of the ELderly in Clinical Trials), ERA-AGE 2 (European Research Area in Ageing) and FUTURAGE - A Roadmap for Ageing. He is also full member of the Boards of UEMS-Geriatric Medicine Section (European Union of Medical Specialists), EUGMS (European Union of Geriatric Medicine Societies), IAGG (International Association of Gerontology and Geriatrics) and IAGG-ER Clinical Section.



**GABRIEL-IOAN
PRADA**
/ROMANIA



- Actual position

Associate Professor, Department of Diabetes, Nutrition and Metabolic Diseases "Iuliu Hatieganu" Medicine and Pharmacy University, Cluj-Napoca;
Head of Diabetes, Nutrition and Metabolic Diseases Department, County Emergency Hospital Cluj-Napoca .

- Work experience

1.10.2004 - present
Associate Professor, MD, PhD

1.10.2010-present
Teaching the Diabetes, Nutrition and Metabolic Disorders Module (4th year School of General Medicine)
Teaching the Therapeutic Nutrition Class (3rd year School of Nutrition and Dietetics)
Coordinator of student`s scientific activities and graduation theses
Coordinator and evaluator of student`s practical activities
Editor of students' readers.
"Iuliu Hatieganu" Medicine and Pharmacy University, Cluj-Napoca.
8 Victor Babes St, 400012 Cluj-Napoca.
Website: www.umfcluj.ro
Teaching, research and medical assistance activities regarding Diabetes, Nutrition and Metabolic Disorders field.

1.10.1995 - 30.09.2004
Lecturer, MD, PhD
Teaching the Diabetes, Nutrition and Metabolic Disorders Module (4th year School of General Medicine)
Coordinator of the Residency program in Diabetes, Nutrition and Metabolic Disorders
Coordinator of student`s scientific activities and graduation theses
Coordinator and evaluator of student`s practical activities
Editor of students' readers.
"Iuliu Hatieganu" Medicine and Pharmacy University
8 Victor Babes St, 400012 Cluj-Napoca.
Website: www.umfcluj.ro
Teaching, research and medical assistance activities regarding Diabetes, Nutrition and Metabolic Disorders field.

1981-1995
Assistant professor, Medical Semiology Department
Supervising practical activities for the 3rd year School of General Medicine students.
Editor of students' readers
Coordinator of graduation theses
Development of scientific research in diabetes risk, dyslipidemia.

"Iuliu Hatieganu" Medicine and Pharmacy University
8 Victor Babes St, 400012 Cluj-Napoca.
Teaching, research and medical assistance activities in Internal Medicine specialty.



IOAN VERESIU
/ROMANIA

Faculty

1980-1981

MD General Medicine

Primary Care Assistance for adults and children.

Asuaju de Sus Primary Care Facility, Maramures County

1977-1980

Intern MD

Health care providing activities, scientific research

Oncological Institute, Cluj-Napoca.

- Education and Training

1997

PhD in Medical Sciences

Diabetes, Nutrition and Metabolic Diseases

“Carol Davila” Medicine and Pharmacy University, Bucharest

National Council of Attestation of Titles, Diplomas and Academic Certifications, 30-Oct 31st

1997, Confirmation no. 5347/20.11.1997

1996

Attending Specialist MD

Diabetes, Nutrition and Metabolic Diseases

National Council of Attestation of Titles, Diplomas and Academic Certifications, confirmation no.

862/17.04.1996

1986

Specialist MD

Cardiology

National Council of Attestation of Titles, Diplomas and Academic Certifications, confirmation no.

56/12.02.1986

1984

Attending Specialist MD

Internal Medicine

National Council of Attestation of Titles, Diplomas and Academic Certifications, confirmation no.

459/12.12.1984

- Organization Membership

European Association for the Study of Diabetes (EASD)

Diabetic Foot Study Group (part of EASD)

American Diabetes Association (ADA)

Foot Care Study Group (part of ADA)

Romanian Society of Diabetes, Nutrition and Metabolic Disorders

Romanian Federation of Diabetes, Nutrition and Metabolic Disorders, Chair since 2010

International Task Force for Diabetic Foot of IDF (national representative)

International Task Force for Diabetes Experts Panel from Accessing Countries (DEPAC), since 2009

Romanian Society of Diabetic Neuropathy, Chair since 2013

Honorary Member of the Hungarian Diabetes Society, 2014

Education:

1977-1983 Medical School at the University of Heidelberg
18.10.1983 Medical examination
26.10.1983 Medical license
11.01.1984 Doctoral thesis at the University of Heidelberg:
"Radioimmunoassay for human parathyroid hormone (53-84):
Binding of hPTH (53-84) to thyroglobulin for production of antibodies
using tyrosylated und non-tyrosylated peptide as tracer"
08.08.1990 Specialization in Internal Medicine
10.12.1992 Qualification as a lecturer in Internal Medicine ("Habilitation") at the
Heinrich Heine University of Düsseldorf:
"Diabetic neuropathy: characterization, early diagnosis, natural
history, metabolic factors, and effects of pathogenetically oriented
intervention"
28.08.1995 Specialization in Diabetology (Diabetologe DDG)
23.04.1998 Appointment as Professor of Internal Medicine at the Heinrich Heine
University, Düsseldorf
2001 Recognition of quality in endocrinology, diabetes and metabolism by
the European Board of Endocrinology of the U.E.M.S.
2003 Fellow of the Royal College of Physicians of Edinburgh
(FRCP Edin)
2008 Specialization in Endocrinology

Professional training:

10.11.1983-30.09.1988
Registrar at the Clinical Department of the German Diabetes Research Institute, Leibniz
Institute at the Heinrich Heine University, Düsseldorf
01.10.1988-31.03.1990
Registrar at the Department of Internal Medicine of the Ferdinand-Sauerbruch-
Klinikum, Wuppertal-Elberfeld
01.04.1990-31.3.1993
Senior registrar at the Clinical Department of the German Diabetes Research Institute
at the Heinrich Heine University, Düsseldorf
01.01.1993-30.06.1994
Senior registrar at the Department of Nephrology, University Hospital, Heinrich-Heine-
University, Düsseldorf
01.07.1994-31.12.2003
Senior registrar at the Clinical Department of the German Diabetes Research Institute
at the Heinrich Heine University, Düsseldorf
01.01.2004-31.12.2005
Consultant physician at the Department of Endocrinology, Diabetology and
Rheumatology, University Hospital, Heinrich-Heine-University, Düsseldorf
01.01.2006-31.03.2007
Consultant physician at the German Diabetes Clinic of the German Diabetes Center
and professor of Internal Medicine at the Heinrich Heine University, Düsseldorf



DAN ZIEGLER
/GERMANY

Institute for Clinical
Diabetology
German Diabetes Center
at the Heinrich Heine
University
Leibniz Center for Diabetes
Research
Düsseldorf, Germany

Department Metabolic
Diseases
Düsseldorf
University Hospital,
Düsseldorf, Germany

Faculty

01.04.2007-11.01.2009

Research group leader, Institute for Clinical Diabetology, German Diabetes Center, Leibniz Center for Diabetes Research at the Heinrich Heine University, Düsseldorf

Since 12.01.2009

Deputy director, senior consultant physician, research group leader, and professor of Internal Medicine; Institute for Clinical Diabetology, German Diabetes Center, Leibniz Center for Diabetes Research at the Heinrich Heine University and Department of Metabolic Diseases, University Hospital, Heinrich Heine University, Düsseldorf, Germany

Areas of interest:

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

Principal investigator of numerous clinical trials in diabetic neuropathy

Scientific awards:

Jühling Prize of the Anna Wunderlich-Ernst Jühling-Stiftung; 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, September 2010

Professional membership: European Association for the Study of Diabetes (EASD)

Diabetic Neuropathy Study Group of the EASD (NEURODIAB)

German Diabetes Association (DDG)

European Society for Sexual Medicine (ESSM)

International Society for Sexual Medicine (ISSM)

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

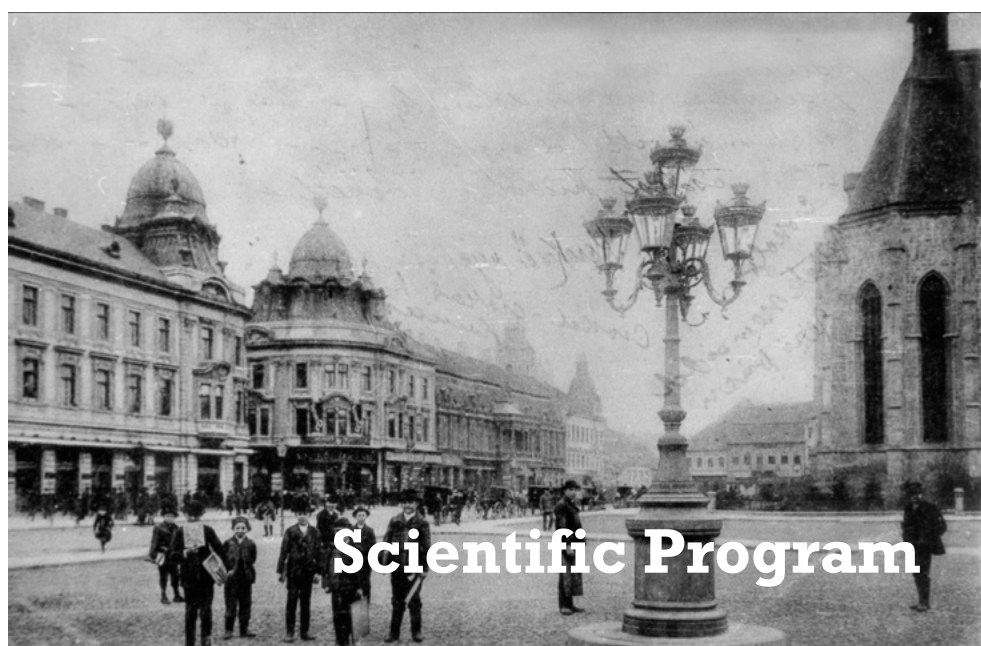
NRW Society for Internal Medicine

Royal College of Physicians of Edinburgh (FRCPE since 22.10.2003)

Honorary membership

Argentinian Diabetes Association (Sociedad Argentina de Diabetes)

Hungarian Diabetes Association



Scientific Program

19TH of FEBRUARY 2015

"IULIU HATIEGANU" Auditorium,
23 Gheorghe Marinescu Street | 400337 Cluj-Napoca | Romania
"Iuliu Hatieganu" University Of Medicine And Pharmacy

09:20 – 09:30	Welcome Address
09:30 – 10:00	Ovidiu Bajenaru /Romania The Role of Insulin in Human Brain
10:00 – 10:30	Michael Brainin /Austria Diabetes and stroke
10:30 – 11:00	Dafin F. Muresanu /Romania The impact of neuropathic pain on CNS plasticity
11:00 – 11:15	Discussions
11:15 – 11:45	Coffee Break
11:45 – 12:15	Andrew Boulton /UK Diabetic neuropathy and its contribution to diabetic foot disease
12:15 – 12:45	Peter Kempler /Hungary The role of autonomic neuropathy in cardiovascular disease in diabetes
12:45 – 13:15	Dan Ziegler /Germany Treatment of symptomatic diabetic polyneuropathy with the antioxidant lipoic acid: a meta analysis
13:15 – 13:30	Discussions

Scientific Program

13:30 – 15:00

Lunch

15:00 – 15:30

Ioan Veresiu /Romania

Corneal confocal microscopy – a novel, noninvasive method to assess diabetic peripheral neuropathy in Romania

15:30 – 16:00

Tudor Lupescu /Romania

Diabetic Neuropathy – a practical neurological approach

16:00 – 16:30

Gabriel-Ioan Prada /Romania

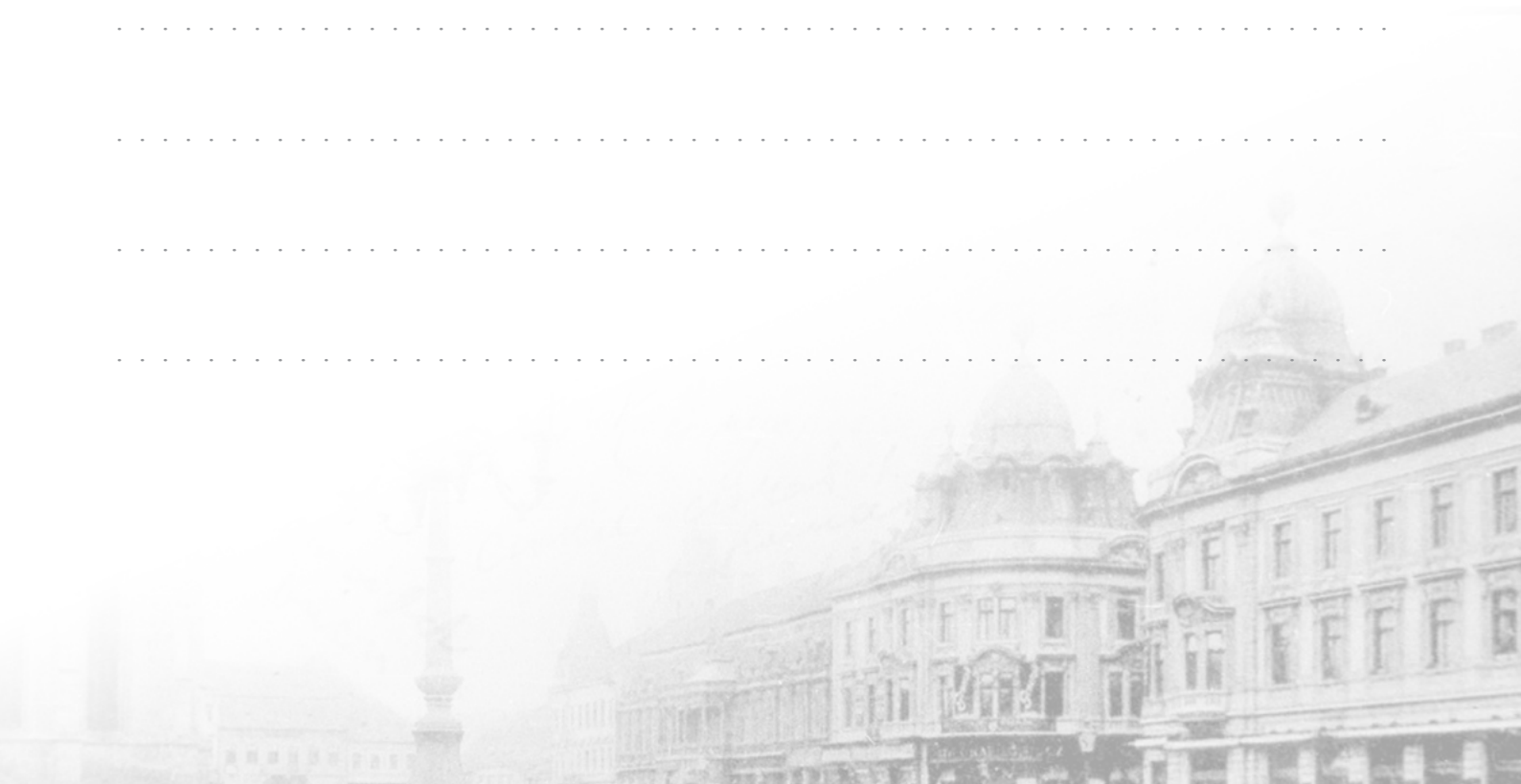
Therapeutic strategies to restore microcirculation and vascular endothelial growth factor In elderly diabetics

16:30 – 16:45

Discussions

16:45 – 17:00

Closing remarks





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