

Department of Medicine and Research Laboratory of Internal Medicine, University of Thessaly Medical School, Larissa Greece



Hellenic Stroke Organization

# EUROPEAN STROKE ORGANISATION

# Stroke Summer School



# September 10-15, 2017

Larissa/Olympus, GREECE Olympian Bay Hotel, Leptokarya

www.eso-stroke.org www.eso2017summerschool.gr

# e-PROGRAM

# Welcome Message

For the last 20 years, the Stroke Summer School is a flagship event for the European Stroke Organisation (ESO) and a prestigious educational meeting for stroke trainees throughout Europe. During these two decades, hundreds of young physicians with a major interest in cerebrovascular diseases had the opportunity to attend this high-quality event, acquire cutting-edge knowledge and become interconnected with other stroke physicians around Europe. For all of us in the ESO, it is very rewarding to see that many of the previous Stroke Summer School's participants have evolved to become leading stroke physicians and researchers.

This year, the 21st ESO Stroke Summer School will travel south-east and will be organized in the wider Larissa region in Greece between the 10th and 15th of September 2017. There, at the point where the eastern foot of Olympus dives into the Aegean sea, the participants will have the opportunity to join a faculty of experienced international and local speakers for a program which discuss all major aspects of stroke.

We, at the ESO and the local organizing committee, are working hard to prepare an exciting week for our future stroke leaders!

We are looking forward to meeting you in September in Greece!

Valeria Caso President of the European Stroke Organisation George Ntaios Chair of the Local Organizing Committee

# Stroke Summer School September 10-15, 2017 Larissa/Olympus, GREECE

Olympian Bay Hotel, Leptokarya

# MONDAY, 11 SEPTEMBER 2017

<b>08.45-09.00</b>	Welcome
09.00-18.00	Parallel courses
	<b>1. Simulation course I</b> Paola Santalucia, Rome, Italy Christos Rountas, Larissa, Greece
	<b>2. Simulation course II</b> Francesca Romanna Pezzella, Rome, Italy Maria Politi, Bremen, Germany
	<ol> <li>Hands-on training seminar on endovascular thrombectomy</li> <li>Panagiotis Papanagiotou, Bremen, Germany</li> </ol>
	<b>4. Hands-on training seminar on ultrasound</b> Nikolaos Liasis, Athens, Greece

	Simulation Course I	Simulation Course II	Hands-on Seminar on EVT	Hands-on training seminar on Ultrasound
Time/Hall	Hippocrates	Asclepius	Hygeia	Galen
09.00-10.50	Group I	Group II	Group III	Group IV
10.50-11.10		Coffe	e Break	
11.10-13.00	Group IV	Group I	Group II	Group III
13.00-14.00		L	unch	
14.00-15.50	Group III	Group IV	Group I	Group II
15.50-16.10		Coffe	e Break	
16.10 -18.00	Group II	Group III	Group IV	Group I

Hippocrates: "Father of Modern Medicine", Greek physician of the Age of Pericles (Classical Greece). He is considered one of the most outstanding figures in the history of medicine. Asclepius: Hero and god of medicine in ancient Greek religion and mythology. Hygeia: Daughter of the god of medicine, Asclepius, and the goddess of healing, Epione. She was the goddess of Health, prevention of diseases and maintenance of health status. Galen: Greek physician, surgeon and philosopher in the Roman Empire.







**TUESDAY. 12 SEPTEMBER 2017 09.00-09.20** Welcome 09.20-09.40 Stroke etiology and pathogenesis George Ntaios, Larissa, Greece 09.40-10.00 CNS vasculitis and other rare causes of stroke Nikolaos Gatselis, Larissa, Greece 10.00-10.20 Fabry disease, CADASIL and other genetic causes of stroke Sofia Vasilopoulou, Athens, Greece 10.20-10.40 Stroke in the young Turgut Tatlisumak, Gothenburg, Sweden 10.40-11.00 Stroke mimics Konstantinos Makaritsis, Athens, Greece 11.00-11.30 Coffee break = 11.30 - 11.50Carotid endarterectomy for symptomatic carotid stenosis Athanasios Giannoukas, Larissa, Greece 11.50-12.10 Carotid stenting for symptomatic carotid stenosis Miltiadis Matsagkas, Larissa, Greece Clipping or coiling for ruptured intracranial 12.10-12.30 aneurysms? Panagiotis Papanagiotou, Bremen, Germany **Unruptured AVMs** 12.30-12.50 Panagiotis Papanagiotou, Bremen, Germany Blood pressure goals for stroke prevention 12.50-13.10 Christos Savopoulos, Thessaloniki, Greece

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<b>1</b> 3.10-13.30	Strategies for AF detection in cryptogenic stroke; how much of AF is clinically important? Timolaos Rizos, Heidelberg, Germany
13.30-13.50	Practical guide for the use of non-vitamin-K antagonist oral anticoagulants in daily practice Stylianos Tzeis, Athens, Greece
13.50-14.10	Left atrial appendage occlusion & catheter ablation for stroke prevention in atrial fibrillation: for which patients? Georgios Andrikopoulos, Athens, Greece
14.10-15.10	Lunch
<b>1</b> 5.10-15.30	Anticoagulation after atrial-fibrillation-related ischemic stroke and after anticoagulant-related intracerebral haemorrhage Eleni Koroboki, Athens, Greece
<b>1</b> 5.10-15.30	ischemic stroke and after anticoagulant-related intracerebral haemorrhage
	ischemic stroke and after anticoagulant-related intracerebral haemorrhage Eleni Koroboki, Athens, Greece Closure of patent foramen ovale in cryptogenic stroke



In cooperation with: (i) Department of Medicine and Research Laboratory of Internal Medicine, University of Thessaly Medical School, Larissa Greece



# WEDNESDAY, 13 SEPTEMBER 2017

09.00-09.20	<b>Women and stroke</b> Valeria Caso, Rerugia, Italy
09.20-09.40	<b>General management in acute stroke</b> Konstantinos Vemmos, Athens, Greece
09.40-10.00	<b>Post-stroke dysphagia</b> Emilia Michou, Manchester, UK
10.00-10.20	<b>Prophylactic antibiotics in acute stroke</b> Bart Van der Worp, Utrecht, The Netherlands
10.20-10.40	A practical guide to intravenous thrombolysis: how, when and to whom? Daniel Strbian, Helsinki, Finland
10.40-11.00	Intravenous thrombolysis: is there room for another dose and another drug? Peter Schellinger, Minden, Germany
11.00-11.20	<b>Reducing inhospital delays</b> Daniel Strbian, Helsinki, Finland
11.20-11.50	Coffee break
<b>1</b> 1.50-12.10	Endovascular thrombectomy: a journey from expert opinion to 1A Urs Fischer, Bern, Switzerland
12.10-12.30	Organization of stroke in the era of endovascular thrombectomy Urs Fischer, Bern, Switzerland
12.30-12.50	How to organize a regional acute stroke care network Miquel Gallofre Lopez, Barcelona, Spain
12.50-13.10	Recanalization strategies in anticoagulated patients with acute ischemic stroke George Ntaios, Larissa, Greece
13.10-13.30	Intracerebral haemorrhage: what is the cause? Charlotte Cordonnier, Lille, France

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- 13.30-14.30 Lunch
- 14.30-14.50 Telestroke & prehospital thrombolysis Turgut Tatlisumak, Gothenburg, Sweden
  - 14.50-15.10 Management of anticoagulant-related intracranial haemorrhage Timolaos Rizos, Heidelberg, Germany
  - 15.10-15.30 Cervical artery dissection: acute treatment and secondary prevention Milija Mijajlovic, Belgrade, Serbia
  - 15.30 15.50 **Treatment strategy for intracranial stenosis** Milija Mijajlovic, Belgrade, Serbia
- = 15.50-16.10 Coffee break
- 16.10-16.30 How should we treat basilar artery occlusion? Patrik Michel, Lausanne, Switzerland
  - 16.30-16.50 Recanalization strategy for unknown-onset strokes Patrik Michel, Lausanne, Switzerland
  - 16.50-17.10 Management of spontaneous intracerebral haemorrhage Thorsten Steiner, Heidelberg, Germany





# THURSDAY, 14 SEPTEMBER 2017

09.00 - 09.20	Clinical application of stroke genetics Martin Dichgans, Munich, Germany
09.20-09.40	<b>Vascular cognitive impairment</b> Martin Dichgans, Munich, Germany
09.40-10.00	<b>ESO Stroke units/centers</b> Valeria Caso, Perugia, Italy
10.00-10.20	Transient Ischaemic attacks: distinguishing funny spells from high risk incidents Hanne Krarup Christensen, Copenhagen, Denmark
10.20-10.40	<b>DNR and WOC orders in stroke</b> Hanne Krarup Christensen, Copenhagen, Denmark
10.40-11.00	Conflicts of Interest - how should we deal with them? Bart Van der Worp, Utrecht, The Netherlands
11.00-11.20	Stroke education and training in Europe Vasileios Papavasileiou, Leeds, UK
11.00-11.20 11.20-11.40	• ·
	Vasileios Papavasileiou, Leeds, UK
11.20-11.40	Vasileios Papavasileiou, Leeds, UK Coffee break ESO Guidelines Development workshop Thorsten Steiner, Heidelberg, Germany George Ntaios, Larissa, Greece

12.10-12.20	Identify all important outcomes for every health care questions Thorsten Steiner, Heidelberg, Germany
12.20-12.40	Judge the relevant importance of outcomes Thorsten Steiner, Heidelberg, Germany
12.40-13.10	Summarize all relevant evidence, ideally in evidence profiles George Ntaios, Larissa, Greece
<b>1</b> 3.10-13.45	Lunch
13.45-14.15	Grade the quality of evidence for each outcome George Ntaios, Larissa, Greece
14.15-14.35	Decide on the overall quality of evidence across outcomes George Ntaios, Larissa, Greece
14.35-14.50	Include judgements about the underlying values and preferences related to the management options and outcomes Hanne Krarup Christensen, Copenhagen, Denmark
14.50-15.20	Decide on the balance of desirable and undesirable effects George Ntaios, Greece
15.20-15.40	<b>Decide on the balance of net benefits and cost</b> Hanne Krarup Christensen, Copenhagen, Denmark
15.40-16.10	<b>Delphi-Method - Grade the strength of</b> <b>recommendation</b> Hanne Krarup Christensen, Copenhagen, Denmark
16.10-16.25	Formulate a recommendation George Ntaios, Larissa, Greece
16.25-17.00	<b>Discussion</b> Thorsten Steiner, Heidelberg, Germany







# FRIDAY, 15 SEPTEMBER 2017

## 08.30-11.15 ESO Guidelines Development workshop -Group work

Thorsten Steiner, Heidelberg, Germany George Ntaios, Larissa, Greece Hanne Krarup Christensen, Copenhagen, Denmark

= 11.15-11.30 Farewell



# Become a member of ESO Take your participation in stroke science to the next level!

**ESO membership** offers full access to collegiate partnerships in a vibrant community facilitating exchanges of ideas and intellectual support across borders.

ESO, the voice of stroke in Europe, furthers stroke science and political goals by promoting stroke as a specialty at a regional and international level.

### Become a part of the ESO community today!

Some benefit highlights include amongst others:

- Reduced registration fee for ESOC and other ESO events
- Subscription to the European Stroke Journal
- Joint membership with WSO (for only additional 35 EUR per year)
- Monthly Newsletter
- ... and many more

Join us in our efforts to reduce the incidence and impact of stroke!

www.eso-stroke.org

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# **INVITED FACULTY**

**GEORGIOS ANDRIKOPOULOS, ATHENS, GREECE** VALERIA CASO, PERUGIA, ITALY GEORGE N. DALEKOS, LARISSA, GREECE HANNE KRARUP CHRISTENSEN, COPENHAGEN, DENMARK CHARLOTTE CORDONNIER, LILLE, FRANCE MARTIN DICHGANS, MUNICH, GERMANY URS FISHER. BERN. SWITZERLAND MIQUEL GALLOFRÉ LOPEZ. BARCELONA. SPAIN NIKOLAOS GATSELIS. LARISSA. GREECE ATHANASIOS GIANNOUKAS, LARISSA, GREECE ELENI KOROMPOKI, ATHENS, GREECE NIKOLAOS LIASIS, ATHENS, GREECE KONSTANTINOS MAKARITSIS, LARISSA, GREECE MILTIADIS MATSAGKAS, LARISSA, GREECE PATRIK MICHEL, LAUSANNE, SWITZERLAND EMILIA MICHOU, MANCHESTER, UK MILIJA MIJAJLOVIC. BELGRADE. SERBIA HARALAMPOS MILIONIS, IOANNINA, GREECE **GEORGE NTAIOS. LARISSA. GREECE** PANAGIOTIS PAPANAGIOTOU, BREMEN, GERMANY VASILEIOS PAPAVASILEIOU, LEEDS, UK FRANCESCA ROMANNA PEZZELLA. ROMA. ITALY MARIA POLITI, BREMEN, GERMANY TIMOLAOS RIZOS, HEIDELBERG, GERMANY CHRISTOS ROUNTAS, LARISSA, GREECE PAOLA SANTALUCIA. MILAN. ITALY CHRISTOS SAVOPOULOS, THESSALONIKI, GREECE PARASKEVI SAVVARI, ATHENS, GREECE PETER SCHELLINGER, MINDEN, GERMANY THORSTEN STEINER, HEIDELBERG, GERMANY DANIEL STRBIAN, HELSINKI, FINLAND TURGUT TATLISUMAK, GOTHENBURG, SWEDEN STYLIANOS TZEIS, ATHENS, GREECE BART VAN DER WORP, UTRECHT, THE NETHERLAND SOFIA VASSILOPOULOU, ATHENS, GREECE KONSTANTINOS VEMMOS, ATHENS, GREECE

# GEORGIOS ANDRIKOPOULOS, ATHENS, GREECE



Dr George Andrikopoulos obtained his medical diploma from the Medical School of Athens University (1990) and his basic training as a Cardiologist at Hippokration Hospital in Athens (1999). As a research fellow of the European Society of Cardiology he was trained on cardiovascular genetics at the Department of Biological Sciences, University of Warwick, UK (2000) and as a Clinical Research Fellow at Walsgrave Hospital, Coventry, UK (1999). He received his PhD at Cardiovascular

genetics from the University of Athens (2004).

He is president of the Institute for the Study and Education on Thrombosis and Antithrombotic Therapy (2016), member of the board and founding member of the Hellenic Cardiovascular Research society (2007) and special scientific advisor of the board of the Hellenic Heart Foundation. Regarding his research activities he has published 124 manuscripts cited at Pubmed and a total of more than 300 papers. He was National coordinator of the EuroHeart project and member of the board for WP5 (2007-2009), National coordinator of the CHOB project of the European Heart Network (2004-2006), Principal investigator of the GEMIG, HELIOS, RHYTHMOS, TARGET, MANAGE-AF, PHAETHON, and other studies and co-principal investigator of the multicentre, international, SPICE study.

He works at Henry Dunant Hospital as a director of the 1st department of Cardiology and director of the department of Electrophysiology and Pacing.



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# VALERIA CASO, PERUGIA, ITALY



Valeria Caso, is a stroke neurologist at the University of Perugia Stroke Unit, Italy and has been recently certified in the role of associate professor in Neurology.

She is visiting professor in the University of Belgrade. She is president of the European Stroke Organisation (ESO).

She is currently working for an European Stroke Project "ESO-EAST" "Enhancing and Accelerating Stroke Treatment" which aims to establish a 5-year

collaboration with selected physicians from Eastern countries, in order to optimise and implement Stroke Care best practices in these countries and share know-how.

She has authored and co-authored more than 200 published papers and book-chapters.

She has been involved in 20 multicentre trials serving in various positions including steering committees. She is currently actively involved in international research projects on cervical artery dissections, heart and brain, intracerebral haemorrhage, and acute stroke treatment. She has made primary interest the treatment and prevention of stroke in women and working on stroke guidelines in women

# GEORGE N. DALEKOS, LARISSA, GREECE



George N. Dalekos serves as full Professor of Internal Medicine at the University of Thessaly and, since 2008 he is the Director and Head of the Department of Medicine at the Larissa University Hospital, Greece where he also practices full-time Medicine. Also, he is the Head of the Research Lab of the Department of Medicine at the University of Thessaly where among other projects, basic research is performed on animalmodels of atherosclerosis.

Since 2009, he is the chair of the organizing committee of the annual International Congress of Internal Medicine that regularly includes sessions about stroke and cerebrovascular diseases and in which many ESO members have participated as invited speakers.

He has been supervising numerous PhD students and post-doctoral fellows and coordinates or participates in several observational and randomized studies. He has been serving as member of the Board of Directors of several national and international medical societies and has been an author of several national and international Guidelines.



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# HANNE KRARUP CHRISTENSEN, COPENHAGEN, DENMARK



Hanne Christensen was MD in 1995, PhD in 2002, and DMSci in 2007 from Copenhagen University. She was board certified as Neurologist in 2007, and has worked as senior consultant Neurologist from 2008 in Bispebjerg Hospital, Copenhagen. In 2015 she was appointed full Professor of Neurology with Special Focus on Stroke by Copenhagen University. She has published 101 Medline-indexed papers, 3 text book chapters, and has an H-index of 29.

# CHARLOTTE CORDONNIER, LILLE, FRANCE



Charlotte Cordonnier is a neurologist specialised in stroke medicine with a PhD thesis in Neurosciences. Appointed as Professor of Neurology at the Lille University (France) in 2012, she is the head of the department of Neurology & Stroke centre of the Lille university Hospital.

She was trained in Lille by Prof. Didier Leys. Her research interests are intracerebral haemorrhages (including microbleeds) both in the setting of stroke and dementia, acute management of stroke, and stroke specificities in women. She is the director of the Lille Haemorrhagic Stroke research program inside the INSERM U1171.

She has been a member of the Institut Universitaire de France since 2015 and has been elected as vice-president of the European Stroke Organisation in May 2016.





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# MARTIN DICHGANS, MUNICH, GERMANY



#### **Position Title**

Professor, Ludwig-Maximilians University (LMU), Munich

Director, Institute for Stroke and Dementia Research Chair, Dept. of Translational Stroke and Dementia Research

Martin Dichgans is a Professor of Neurology and Director of the Institute for Stroke and Dementia Research at Ludwig-Maximilians-Universität München (Munich, Germany) were he holds the Endowed Chair for Translational Stroke and Dementia Research. He is Director of the Interdisciplinary Stroke Center Munich and a member of board of directors of the German Stroke Society. His major areas of research are the mechanisms, diagnosis and treatment of stroke and vascular cognitive impairment (VCI). His methodological focus is in genetics, molecular biology, imaging and the conduction of investigatorinitiated studies. He has been principal investigator in a number of clinical trials including a multicenter trial in VCI. Martin Dichgans has co-authored more than 300 research articles and received several research and teaching awards. He is on the editorial board of the journals Stroke, International Journal of Stroke, Journal of Neurochemistry, and Frontiers in Stroke. Martin Dichgans serves as chair of the scientific advisory board of the EU ERANET Neuron. He further serves on the scientific boards of the Munich Cluster for Systems Neurology and the Graduate School for Systemic Neurosciences.

# URS FISHER, BERN, SWITZERLAND



Urs Fischer is Professor for Acute Neurology and Stroke at the Department of Neurology and Co-Director of the Clinical Trial Unit (CTU), University of Bern. He studied in Bern, London, San Francisco and Lomé and graduated in 2000. He trained as a neurologist in Bern. In 2008/2009 he performed a master of science by research in Clinical Neurology at the University of Oxford. In 2014 he became an associate professor and in 2015 he was elected as Professor for Acute Neurology and Stroke at the University of Bern. He is the Co-Chair of the Stroke Center Bern and Head of the Neurological Emergency

Team. Furthermore he is the Co-Director of the Clinical Trial Unit at the University of Bern.

Urs Fischer is a clinical researcher and his main research interest involves diagnosis, management, treatment and outcome of patients with acute neurological diseases, especially of patients with acute ischemic and hemorrhagic stroke. He is participating in multiple preventive, diagnostic and acute treatment trials and stroke registries. He is Co-PI of the SWITCH and SWIFT DIRECT study and PI of the ELAN study.

Urs Fischer is active in National and European Stroke Societies: he is Secretary General of the European Stroke Organisation (ESO). He performed the ESO ESMINT EAN SAFE survey on stroke treatment in Europe. Together with Prof. Jan Gralla he founded the ESO ESMINT ESNR stroke winter school, which will be held for the fifth time in Bern in February 2018.



Department of Medicine and Research Laboratory of Internal Medicine, University of Thessaly Medical School, Larissa Greece



# MIQUEL GALLOFRÉ LOPEZ, BARCELONA, SPAIN



Dr. Miquel Gallofré is a neurologist with wide experience in management of health institutions and healthcare planning. He was appointed Medical Director at Vall d'Hebron hospital and since 2004 he has been Director of the Stroke Program, a Catalan Health Department Master Plan that focuses on all stages of stroke care at a region-wide level. He got his PhD at the University of Barcelona with a research work based on the Catalan Stroke Audits and has coauthored several papers related to stroke care organization and evaluation.

With the collaboration of hospital stroke professionals he had a leading role in the implementation of the Catalan Acute Stroke Network. He was pivotal to the design and implementation of the Stroke Reperfusion Therapies Registry of Catalonia (SONIIA), a population-based and government-mandated registry that includes prospective and externally monitored data from all stroke patients treated with reperfusion therapies in Catalonia. Furthermore, he had a leading role in the development of the TeleStroke Network of Catalonia, which currently includes 12 Community Hospitals, and the Telestroke Registry (TICAT).

The Catalan Stroke Clinical and Patient & Carers Guidelines, published in 2005, were produced with his support and have been the basis of 4 Stroke Audit editions in Catalonia, undertaken every other year since 2006. He has also promoted specific territory-based rehabilitation programmes for stroke patients: the intensive rehabilitation programme and the home care support, in strong relation to the Catalan Stroke Support Organisations. He contributed to the creation of the Catalan Stroke Foundation, and is member of its board. This organisation joined the Stroke Alliance For Europe (SAFE) in 2008 with which he has been involved to in different occasions.

Under his direction of the Stroke Programme, several national stroke campaigns have been promoted aiming to raise knowledge of stroke at a general population level and to report on the devastating effects of stroke among patients and carers.

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## NIKOLAOS GATSELIS, LARISSA, GREECE



#### Education

MD, Larissa Medical School, Faculty of Health Sciences, University of Thessaly, Greece (2001).

Resident in Internal Medicine, Department of Medicine & Research Laboratory of Internal Medicine, University of Thessaly, Greece (2004-2008)

Doctoral Thesis, Larissa Medical School, Faculty of Health Sciences, University of Thessaly, Greece (2006).

Post Doc Research Fellow in "French National Reference Center for Viral Hepatitis B, C and delta" & "Research Team – Pathophysiology and Therapy of Chronic Viral Hepatitis", Hospital Henri Mondor, University Paris Est, INSERM U955

(Director J-M. Pawlotsky) (2011).

#### **Present Position**

Assistant Professor of Medicine, Department of Medicine and Research Laboratory of Internal Medicine, Larissa Medical School, University of Thessaly (University Hospital of Larissa), Panepistimiou 3, Biopolis, Larissa 41500, Greece. Starting date in this position: June 2014

#### Relevant Experience / Previous Positions (Responsibility/Years)

 $\cdot$  Obligatory medical service in rural area, Health Center of Farsala, Larissa (2001-2002)

• Trainer in First Aid National Center, Larissa (2002-2003)

• Obligatory medical service in the Greek Army (2003-2004)

 $\cdot$  Resident in Internal Medicine, Department of Medicine & Research Laboratory of Internal Medicine, University of Thessaly, Greece (2004-2008)

 $\cdot$  Accessory Senior Registrar in Internal Medicine, Department of Medicine & Research Laboratory of Internal Medicine, University of Thessaly, Greece (2009-2010)

· Consultant in Internal Medicine, Department of Medicine & Research Laboratory of Internal Medicine, University of Thessaly, Greece (2011-2013)

 $\cdot$  Lecturer in Internal Medicine (elect on Oct 2010), Department of Medicine & Research Laboratory of Internal Medicine, University of Thessaly, Greece (2011-2014)

· Assistant Professor of Internal Medicine, Department of Medicine & Research Laboratory of Internal Medicine, University of Thessaly, Greece (2014-now)



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# ATHANASIOS GIANNOUKAS, LARISSA, GREECE



M.Sc., M.D., PhD, FEBVS, born in Larissa, Greece.

- Professor of Vascular Surgery, Faculty of Medicine, University of Thessaly, Greece

- Founder & Chairman, Department of Vascular Surgery, University Hospital of Larissa, Greece

- President of the European Venous Forum (2017-2018)

- President of the Balkan Venous Forum (2016-2018)

- Founding member and Chairman of Institute of Vascular Diseases (IVD) Greece

(2010-today)

- Organisation of the Interstate Joint MSc Programme in Vascular Ultrasound at the

University of Thessaly in collaboration with the University of Genoa (2015-today)

- Organization of Laboratories: 3
- Chairman of Advisory Committee in the organization of LIVE Symposium
- Participation in Clinical Protocols & Research Programmes as Principal Investigator: 13

- Publications in scientific journals: 206 (Scopus by HEAL LINK last search 13/04/2017), Citations: 2892, Self-citations: 448, H-index: 29

- Doctoral Theses Supervisor: 9 (4 completed)
- Prizes- Awards Scholarships: 21
- Book editing: 6
- Book chapters: 37 (in 15 books: 10 in English & 27 Greek books)

# ELENI KOROMPOKI, ATHENS, GREECE



Dr Eleni Korompoki graduated from the Medical School of Athens in 2002. She is a Board Certified Internist with expertise in hypertension and stroke. She was awarded a PhD for her work on heart and brain connection in essential hypertension at the University of Athens. She has over 10 years of clinical experience in Stroke Medicine being an active member of the multidisciplinary stroke team at the Department of Clinical Therapeutics, University of Athens and at Charing Cross Hospital, Imperial College NHS

Healthcare Trust in London. Since 2005 she has taking part as a co-investigator in several clinical trials in the field of stroke. She has been working for more than 6 years as a post-doctoral researcher in the field of stroke medicine at the University of Athens (2011-2014) and at Imperial College London (2014-2017). Currently she serves as an Academic Consultant at the 1st Department of Neurology, University of Athens, in Greece with clinical, research and educational activities. She is a founding member of the Hellenic Stroke Organization and an active member of the World Stroke Organization, European Stroke Organization, European Society of Hypertension and Hellenic Society of Hypertension taking part on collaborative research projects and in educational and research activities. She is a athor of more than 35 publications in peer reviewed journals (PubMed/ISI Web/Scopus: "Koroboki E" or "Korompoki E", Scopus:402, h index:13) and of more than 80 poster/oral presentations at International Congresses. Her research interests are secondary stroke prevention, stroke epidemiology, intracerebral hemorrhage and hypertension.





Department of Medicine and Research Laboratory of Internal Medicine, University of Thessaly Medical School, Larissa Greece



# NIKOLAOS LIASIS, ATHENS, GREECE



Medical Physician – Radiologist-Angiologist Colonel (R.T.) Former Chief of the Vascular Department and Vascular Laboratory and Ultrasound Department of the General Air force Hospital (251 G.H.A.) Scientific Director of Affidea Greece Chief of Affidea Athens and Chief of Vascular Ultrasound Department

Vice President of Hellenic Society of Angiology

# EDUCATION

1978-1984: Medical School of Thessaloniki University

**1984–1985:** Trained in biochemical and pathologic clinics of the

General Air Force Hospital for one year as well as in the Emergency Room

1984: Post graduate program of the Air Force Medicine Center

1985-1988: Chief of the 15th Battle Wing in Souda – Chania

1986: Trainer in the school of Rescue and Marine Survival of the Air Force Team

**1988-1991:** Specialization of radiology imaging in the General Air Force Hospital (G. A. H.) of Athens

**1991-1992:** Continued specialization in the General Hospital of Athens "Georgios Gennimatas"

1992: Attained the title of Radiologist

**1993:** Post graduate program of Color Doppler Ultrasound and pathology of Vascular Diseases of Saint Giovanni Di Dio Firenze in Italy

**1993-1994:** Assistant to the Chief of the Vascular Department of 251 General Air Force Hospital

**1994:** Post graduate program of vascular diseases in Angiology and Diagnosis of Vascular Diseases in Saint Antonio Hospital in Utrecht as well as the University Hospital Academics in Holland

**1995-2006:** Chief of the Ultrasound and Vascular Department of 251 General Air Force Hospital (G.A.H.)

**1996:** Participated in post graduated Educational Program of Ultrasound Institute and Educational Research of Thomas Jefferson University Hospital of Philadelphia

**2013:** Ph.D. of the Vascular Surgery Clinic of "Laiko" Hospital of the University Hospital of Athens titled: "The Use of Speckle Reduction Imaging in Characterizing Carotid Plaque (S.R.I)"

1999 up to date: Chief Director of the Vascular and General Ultrasound Diagnostic Center

**2006 up to date:** Scientific Manager of the Affidea – Member of Medical Advisory Board Europe

Participated as speaker/chairperson or president in 55 Greek congresses and 160 International congresses

Invited speaker at universities abroad and in international and European congresses

# KONSTANTINOS MAKARITSIS, LARISSA, GREECE



Konstantinos P. Makaritsis serves as Associate Professor of Internal Medicine at the University of Thessaly and practices Medicine at the Department of Medicine at the Larissa University Hospital, Greece. After completing successfully his experimental PhD thesis which compared the hemodynamic effects of counterpulsation devices to those of a centrifugal blood pump in acute heart failure, he moved to Boston, Massachusetts, U.S.A. where he received his postgraduate training in cardiovascular medicine

during a two-year research fellowship at the Hypertension and Atherosclerosis Section at the Department of Medicine of the Boston University School of Medicine next to Prof. H. Gavras where he investigated the role of sympathetic nervous system on arterial hypertension.

His research interest focuses on arterial hypertension and, in particular, on salt-induced hypertension in subtotally nephrectomized animals. In addition, he performs basic research on ApoE knockout mice focusing on the mechanisms of atherosclerosis. He has been supervising several PhD students. He participates in several observational and randomized stroke and cardiovascular studies.





Department of Medicine and Research Laboratory of Internal Medicine, University of Thessaly Medical School, Larissa Greece



# MILTIADIS MATSAGKAS, LARISSA, GREECE

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# PATRIK MICHEL, LAUSANNE, SWITZERLAND



After his MD degree from Basel University, Patrik Michel has done his postgraduate training in South Africa, Boston, and Lausanne, and is now professor at the University of Lausanne and Head Physician of the Stroke Center in the Neurosciences Department of the Lausanne University Hospital. He is also oversees the neurological inpatient unit, the neurological emergency consultations, the therapeutic education and the clinical stroke research teams.

His research interests involve clinical stroke syndromes, acute stroke management, CT-based perfusion and arterial imaging, and stroke prognosis.

He has founded and directs the Acute STroke Registry and Analysis of Lausanne (ASTRAL). He is participating as investigator or steering committee member in multiple preventive, diagnostic and treatment trials and several stroke registries.

He is actively involved in the Swiss Stroke Society, the European Stroke Organisation (ESO) and its annual conference, and the World Stroke Organisation. He gives lectures on multiple aspects of stroke at the University of Lausanne, at national and international conferences, and the European Master's Programme for Stroke Medicine. He is on the editorial board of Stroke, the European Stroke Journal and the International Journal of Stroke. He has published multiple articles and book chapters on stroke syndromes, neuroradiological topics, and stroke management. He is married, has three children and is fluent in several languages.



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# EMILIA MICHOU, MANCHESTER, UK



Emilia Michou, PhD, CertMRCSLT is currently a research fellow at the Centre for Gastrointestinal Sciences within the School of Medical Sciences, Faculty of Biology, Medicine and Health, University of Manchester. In the recent years she received personal awards (Hellenic State Scholarships' Foundation for her PhD under the supervision of Professor Shaheen Hamdy (2007-2010), Stepping stones award Fellowship for postdoctoral years) and funding from a number of sources including

Parkinson's UK, NIHR etc. Alongside with research, she teaches and supervises graduates and postgraduates in the field of deglutition and its disorders, and continues to practice as a speech and language therapist. At present, she focuses into unravelling the underlying mechanisms of plasticity and compensation for swallowing difficulties in stroke and neurodegenerative disease models by combining various neuroimaging (i.e. fMRI, MRS, NIRS), neurostimulation (TMS) techniques and different physiological measurements. The current mainstream of work also focuses on treatment solutions employing neurostimulation and compensatory approaches on swallowing.

### MILIJA MIJAJLOVIC, BELGRADE, SERBIA



Dr. Milija Mijajlovic, MD, PhD is Ass. Professor of Neurology at School of Medicine University of Belgrade, Serbia. He is working as Board Certified Neurology Specialist, Neuroangiology expert and Head of the Neurosonology Unit at the Department for Cerebrovascular Disorders of the Neurology Clinic, Clinical Center of Serbia in Belgrade. Dr. Mijajlovic is a Research Associate of the Ministry of Science and Education of Serbia. He received his

Masters Degree in Neurology (Stroke) and PhD title in Neurology from School of Medicine University of Belgrade. He was trained at the Department of Neurology University of Muenster, at Neurology Clinic of the TU Dresden, at Stroke Unit of the Sackler Medical Center, Tel Aviv University, at Stroke Unit of the Vall d'Hebron Hospital in Barcelona, at the Neurology Department of the University hospital in Amines in France and Hertie Institute for clinical brain research in Tuebingen, Germany. His research is focused on stroke, neuroangiology, neurosonology, neurodegenerative diseases and headaches/pain. Dr Mijajlovic is a member of the Executive Committee of the Neurosonology Research Group of the World Federation of Neurology as well as Neurosonology and Stroke Subspecialist Panels of the European Academy of Neurology. He is also member of the Teaching course Committee of the European Academy of Neurology, Dr. Mijailovic is Senior Editor of the Clinical Case Reports Journal and member of the Editorial Board of the Journal of Ultrasound in Medicine from which he received distinguished reviewer award in 2014. Dr. Mijajlovic serve as invited reviewer for more than 20 peer reviewed journals. He is author of more than 100 articles published in peer-reviewed journals, invited speaker at more than 50 international and local conferences, and coauthor of 18 books and book chapters.



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# HARALAMPOS MILIONIS, IOANNINA, GREECE



Dr Haralampos Milionis was born in 1968 in Ioannina, Greece. He serves currently as Professor of Internal Medicine at the School of Medicine of the University of Ioannina, Greece. He graduated from the same School of Medicine in 1991 and received his PhD in 1999. His research studies and training were reinforced during his sabbaticals in the Department of Molecular Biology and Clinical Biochemistry in the Royal Free Hospital, UCL, London, UK in 1999 and in the Cerebrovascular Unit of the Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland in 2011. He is an active clinician

in the Department of Internal Medicine, a Consultant in the Outpatient Lipid Clinic and directs the Outpatient Unit for Cardiovascular Risk Factor Modification for Children and Adolescents of the University Hospital of Ioannina and a Faculty member of the Atherothrombosis Research Centre of the University of Ioannina. He is an active member of the Hellenic and the European Atherosclerosis Societies and a fellow of the Hellenic and the European Stroke Organizations. His research field focuses in the pathophysiology of atherothrombosis, the clinical and epidemiological study of risk factors for cardiovascular disease and the secondary prevention of stroke and stroke prognosis. He has been participating in several observational clinical studies and randomized clinical trials. He has authored and co-authored more than 250 peer-reviewed publications and has been serving as a reviewer and a member of the Editorial Board of national and international journals.

# **GEORGE NTAIOS, LARISSA, GREECE**



George Ntaios serves as Assistant Professor of Internal Medicine at the University of Thessaly and practices Medicine at the Department of Medicine at the Larissa University Hospital, Greece. He received his stroke training during a stroke research fellowship at the CHUV (Lausanne, Switzerland) and during the European Master Course in Stroke Medicine (Danube University, Austria) which he attended with the support

of scholarships by the European Stroke Organization and the Hellenic Society of Atherosclerosis.

He co-chairs the ESO Guidelines Committee together with Prof. T. Steiner since May 2014 and was the leading author of the Standard Operating Procedure for the development of the ESO Guidelines. Also, he chaired the working group which developed the ESO guidelines for the temperature management in acute ischaemic stroke and is a member of the working group which prepares the ESO guidelines for glycemia management in acute stroke. He is a member of the Editorial Board of the European Stroke Journal, the Virtual Stroke University and the Scientific Committee of the European Stroke Organization Conference. He is the chair of the local organizing committee of the 2017 Stroke Summer School of the European Stroke Organization which will be held in Greece in September 2017.

His main research interest focuses on secondary stroke prevention and stroke prognosis.



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# PANAGIOTIS PAPANAGIOTOU, BREMEN, GERMANY



Panagiotis Papanagiotou is since 2012 Director of the Dept. for Diagnostic and Interventional Neuroradiology at Hospitals Bremen-Mitte/Bremen-Ost in Germany. Previously he was co-director of the Department for Neuroradiology at Saarland University Hospital. He is visiting Professor at Anglia Ruskin University in UK. In 2014 he became an Associate Professor at Saarland University in Germany.

Panagiotis Papanagiotou is a pioneer in new techniques of endovascular stroke treatment with publications in Circulation, JACC, Stroke and Lancet Neurology. He has performed a series of studies in this area and has conducted many clinical trials. He was contributed

significantly to the introduction of first Mobile Stroke Unit (MSU) worldwide. He has authored and co-authored more than 100 published papers and book-chapters. Under his lead the dept. for Neuroradiology in Bremen performs more than 600 neurovascular procedures annually, with ca. 200 thrombectomies. He performed >1000 endovascular acute stroke procedures.

# Stroke Summer School September 10-15, 2017 Larissa/Olympus, GREECE

Olympian Bay Hotel, Leptokarya

## VASILEIOS PAPAVASILEIOU, LEEDS, UK



#### **Personal Information**

Surname:	Papavasileiou		
Name:	Vasileios		
Father's name:	George		
Date of birth:	07th of June 1978		
Place of birth:	Pialeia		
(Municipality of Pyli, Perfecture of Trikala, Greece)			
Citizenship:	Greek		
Family status:	Married, 2 children		
Personal address:	17 Cragg Road, LS184NT, Horsforth, Leeds, UK		

#### Summary (quick reference)

· January 2016 – current: Consultant in Stroke Medicine, Leeds General Infirmary (Leeds teaching Hospitals NHS Trust), Leeds, West Yorkshire, U.K & Senior Honorary Lecturer, School of Medicine, University of Leeds, Leeds, UK.

 $\cdot$  December 2014 – December 2015: Specialty Doctor in Stroke Medicine, Greater Manchester Comprehensive Stroke Centre, Salford Royal NHS Foundation Trust (SRFT), U.K.

• Internal Medicine Specialist since 2012. On GMC's Specialist Register for General (Internal) Medicine since 09/2014.

• "European Master in Stroke Medicine" (Department for Clinical Neurosciences and Preventive Medicine; European Stroke Organization in collaboration with Donau Universität Krems), University of Krems, Austria; graduation date 21/04/2015.

 $\cdot$  5-month Clinical Stroke Research Fellowship in the Stroke Centre, University Hospital of Lausanne (CHUV), Lausanne, Switzerland [under the supervision of Patrik Michel (Head of the Stroke Centre)].

• Active participation in the development of the "European Stroke Organisation (ESO) guidelines for the management of temperature in patients with acute ischemic stroke". (Data presented at the 23rd European Stroke Conference, May 06-09, 2014, Nice, France; Int J Stroke. 2015 Jul 6. doi:10.1111/ijs.12579.)

• National investigator for the 90-day follow-up of the international trial ENOS in Greece, 2012-2013. Principal investigator for NAVIGATE-ESUS in Leeds Teaching Hospitals NHS Trust, 2016-current. Sub-investigator in 3 other international trials.

• Publications in international medical journals (PUBMED): 30 (24 original research articles, 1 topical review, 1 ESO guideline, 2 case series, 1 case-report, 1 letter; 6 as first author, 11 as second author, 4 as last author).

· Publications in Greek journals: 5 (4 as first author).

· Reviews in peer-reviewed journals since 2014: 5 (five)

 $\cdot$  Member of the European Stroke Organization and Founding Member of the Hellenic Stroke Organization.





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# FRANCESCA ROMANNA PEZZELLA, ROMA, ITALY

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## MARIA POLITI, BREMEN, GERMANY



Dr. Maria Politi graduated from the Medical School of Thessaly University (2001) and obtained her training as a Radiologist and Neuroradiologist at University Hospital of Saarland, Germany (2010). She was trained on Neuroimaging as a clinical Research Fellow in German Cancer Center at University of Heidelberg, Germany (2006). She received her PhD at fMRI from the University of Saarland (2014). Since 2012 she serves as a Consultant at the department of Neuroradiology in Bremen, Germany and is a specialist in endovascular stroke treatment with clinical, research and educational activities. Her main research interest focus on neuro-

endovascular procedures and she has been taking part as a co- investigator in several clinical trials in the field of stroke medicine.



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# TIMOLAOS RIZOS, HEIDELBERG, GERMANY



Timolaos Rizos is board certified neurologist, neurointensivist and emergency physician. He is working as a consultant at the department of neurology, University of Heidelberg. He is specialized in stroke medicine and was trained under supervision of Prof Hacke. With a particular focus on cardiac disease and oral anticoagulation he works clinically and scientifically in the field of acute stroke treatment and secondary prophylaxis after ischemic stroke and ICH. In different positions (i.e. national coordinator, principal investigator, steering committees, endpoint review committees), he participates in several national and international observational and randomized controlled

studies of acute stroke management and stroke prevention and serves as an ad hoc reviewer of several scientific journals. He was involved in the development of recommendations for mechanical thrombectomy by the Hellenic Stroke Organization and is an active member of several national and international neurology- and stroke related organizations, including ESO and WSO.

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#### CHRISTOS ROUNTAS, LARISSA, GREECE



#### CLINICAL EXPERIENCE

• Consultant Radiologist at the Department of Interventional Radiology of the University Hospital Larissa, Greece (07/06/2002-present)

• Attachment, Department of Neuroradiology Medical University Erlangen- Nuernberg, Germany, Erlangen (17/10/1999 – 05/04/2000)

· Consultant Radiologist in private practice (US, CT, MR) Kavala, Greece (8/2000-6/2002)

· Visitor Doctor at the Department of Interventional Radiology of the Klinikum Ingolstad, t Prof. D. Vorwerk, (06/2010-15/08/2010).

#### **RESEARCH EXPERIENCE**

**Ph.D.: TITLE:** "Comparison of color Doppler US, CT angiography, GD-enhanced MR angiography, and digital substraction angiography for renal artery stenosis in suspected renovascular hypertension". Radiology Department, Medical School, University of Thessaly, 19/07/2007. Professor I. V. Fezoulidis.

**PUBLICATIONS:** The publications are in Medline.

#### EDUCATION

**QUALIFIED AS CONSULTANT RADIOLOGIST:**13/06/2000, Thessaloniki, GREECE

**RESIDENCY IN RADIOLOGY:** i) Radiology Department of Chania General Hospital, Chania Greece (27/3/1995-12/8/1996)

ii) Radiology Department of Ippokratio Hospital, Thessaloniki Greece (12/8/1996-28/05 2000)

**MEDICAL DEGREE:** admitted on September 1985 through Panhellenic examinations. Graduation date: 12 07 1992, Medical School, Aristotelion University of Thessaloniki, Greece.

#### ADDITIONAL TRAINING

• AS A RESIDENT: MRI, Department of Neuroradiology, Medical University Erlangen-Nuernberg, Germany, Erlangen (17/10/1999–05/04/2000) MEMBER OF THE EUROPEAN SOCIETY OF INTERVENTIONAL RADIOLOGY (CIRSE)

MEMBER OF THE EOROFEAN SOCIETY OF INTERVENTIONAL RADIOLOGY (CIRS) MEMBER OF THE GREEK SOCIETY OF INTERVENTIONAL RADIOLOGY MEMBER OF THE GREEK MEDICAL SOCIETY

#### REFERENCES

Prof. I. V. Fezoulidis, Radiology Department, University Hospital of Larissa, University of Thessaly, e-mail: fezoulid@otenet.gr





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#### PAOLA SANTALUCIA, MILAN, ITALY

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#### CHRISTOS SAVOPOULOS, THESSALONIKI, GREECE



Associate Prof of Internal Medicine, Aristotles University of Thessaloniki, AHEPA University Hospital, 1st Dept of Internal Medicine

**CONTINUING MEDICAL EDUCATION** Participation in 193 Medical Workshops

#### POSTGRADUATE PROGRAM IN INTERNAL MEDICINE

- Teaching professor during 4 academic years 2004-

2008 at Aristotle University of Thessaloniki in the fields of hypertension, stroke and obesity.

- Visiting professor during academic year 2008-2009 at Varna Medical University in Bulgaria in the fields of hypertension and stroke.

- Honorary Clinical Lecturer, National Heart and Lung Institute, Faculty of Medicine, Imperial College, Disease Prevention. Academic period 11/2011-11/2012.

#### PhD POSTGRADUATE PROGRAM

- Principle Supervisor of 3 PhD candidates
- Supervisor of 9 PhD candidates
- Member of the PhD Accreditation Committee: at present 11

#### ACADEMIC WRITING ACTIVITIES

- Participating Medical Author in 32 Medical Textbooks including translating activities

- Reviewer in 23 International (Executive reviewer in 1 and member of the Editorial Board in 2 of them) and 3 National Medical Journals

#### MEDICAL CONGRESSES

- Member of the Organising Committee of 31 Medical Congresses
- Member of the Scientific Committee of 11 Medical Congresses
- Invited Chairman in 19 Round Tables
- 147 Lectures in Medical Congresses after personal invitation

#### **CLINICAL RESEARCH PROJECTS**

- 24 Multinational Clinical Projects
- 17 out of 24 have successfully been completed

#### **MEDICAL PAPERS**

- 536 full medical papers or abstracts or lectures

- 211 full papers, 119 of them PubMed or Scopus Indexed, another 4 pending publication after the approval and 1 submitted, 9 in International Proceedings
 - 151 medical abstracts in International Journals PubMed or Scopus Indexed, another

- 9 of them have been distinctively awarded

- 17 out of 24 have successfully been completed



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#### PARASKEVI SAVVARI, ATHENS, GREECE



Paraskevi Savvari serves as a Medical Advisor of Internal Medicine at Pfizer Greece. She is a boardcertified Internist and practices medicine in private.

Paraskevi graduated with a scholarship from the Athens University Medical School. She was trained and specialized as an internist at the University Clinic of Alexandra Hospital and earned a PhD

degree in Histology / Embryology from the University of Athens. After her specialization, she worked as a consultant at a large private hospital in Athens and then as a research associate in the Department of Statistics and Epidemiology, University of Athens. At the same time she is practicing internal medicine in private.

Paraskevi joined Pfizer in 2014 as a medical advisor for apixaban. During that period she delivered many presentations at public hospitals and private cardiologists, and had also an active role in supporting and conducting non-interventional studies, as well as in the design and implementation of digital applications.

She has been involved in basic research in the field of carotid molecular atherosclerosis, has published research papers in international and Greek journals, and has also participated as a guest speaker in Greek conferences.

She is a board member of the Hellenic Stroke Organization and a fellow member of the European Stroke Organization.

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#### PETER SCHELLINGER, MINDEN, GERMANY



Peter Schellinger, MD, PhD, FESO, FAHA, born in 1967, is professor and chairman of the departments of Neurology and Geriatry at the Johannes Wesling Medical Center in Minden, After Medical School at the RWTH in Aachen he started training at the department of Neurology in Heidelberg from 1994 on throughout residency, fellowship (both stroke and critcal care), assistant professorship (2002), and associate professorship (2004). From 2003-2004 he was an invited fellow at the NINDS. NIH in Bethesda, in 2006 he moved to Erlangen as vice chairman of the department of Neurology at the university clinic in Erlangen achieving additional certifications in geriatry and as a specialist in neuroscientific expert testimony at court. He has served in the

board of directors of ESO since 2009 (as well as in many of ESO's committees such as industry round table, circle of fellows, guidelines) and in the Executive Committee of the German Neurocritical Care society since 2012, and is a fellow of the AHA and the ESO. In 2010 Professor Schellinger accepted the position as professor and chairman of the departments of neurology and neurogeriatry at the Johannes Wesling medical center in Minden, Westfalia, Germany.

Research-Focus: Clinical trials, Diagnosis and Therapy of acute ischemic stroke and intracranial hemorrhage · Logistics and Emergency Treatment in Neurological Diseases · Secondary Prophylaxis and Neuroprotection after cerebral ischemia and ICH · Pathophysiology and Hemodynamics of peri-hemorrhagic areas after ICH · Neurological Critical Care

Affiliations: DGN: German Society of Neurology DGNB: German Society for Neuroscientific Expert Witness Reporting DGNI: German Society of Neurological Critical Care and Emergency Medicine DGKN: German Society of Clinical Neurophysiology AAN: American Academy of Neurology ASA: American Stroke Association, Scientific Programm committee ISC, FAHA DSG: German Stroke Society ESO: European Stroke Organization, Board of Directors, FESO WSO: World Stroke Organization, Board of Directors for WSA

Reviewer - Boards: a.o. Lancet, Lancet Neurology, Brain, Circulation, Stroke, Cerebrovascular Diseases, Neurocritical Care, Critical Care Medicine, Annals of Neurology, Nervenarzt, Journal of Neurology Neurosurgery and Psychiatry, European Neurology, American Journal of Neuroradiology, American Journal of Radiology, Journal of Magnetic Resonance Imaging

Clinical Trial Experience: All major acute stroke and intracranial hemorrhage trials and most secondary prophylaxis trials for stroke since 1994 in Heidelberg and Erlangen Selection: ECASS 1-3, DIAS 1-3, DEDAS, NOVO-7, FAST, SENTIS, FASTFLO, FLO 24, IMPACT 1, IMPACT 24, PRIISM, ICTUS, ICTUS-L, NEST 2-3, TRA 2P, MATCH, PROFESS, SPARCL, SPACE 1-2, Abbest, ASP, EPO, AXIS, STICH 2, FIND AF, MACSI, CLOTBUSTER, SOCRATES... Steering Committee member for: TUCSON, ECASS 4-EXTEND, CLOTBUST-ER

Editorial Boards / Committees European Neurology 2006-2010 : Stroke 2007-2013 Korean Stroke Journal 2012-, ISC program committee 2012-2017

Publications: >250 peer reviewed publications 3 books >40 book chapters Cumulative Impact Points >1000, Hirsch Factor 46





#### THORSTEN STEINER, HEIDELBERG, GERMANY



Dr. Thorsten Steiner is Professor of Neurology and head of the Department of Neurology at Frankfurt-Höchst Hospital and the Stroke Unit at Hofheim Hospital in Germany. Dr. Steiner holds the title of an Honorary Professor with special focus on Medical Treatment of Stroke at Copenhagen University and is a scientific coworker at the Department of Neurology at Heidelberg University Hospital. Dr. Steiner holds a title as a Master of Medical Education from Bern University, Switzerland.

He received his medical training at the University of Heidelberg, Germany, the Tanga Regional Medical Centre in Tanzania, and the Johns Hopkins School of Medicine in Baltimore, Maryland, United States. He completed his

specialty training in neurology, emergency medicine, and critical care neurology at the University of Heidelberg Hospital.

Dr. Steiner's main research interests are related to intracerebral haemorrhage and coagulation, stroke intensive care, invasive monitoring, and treatment strategies of elevated intracranial pressure. He has contributed to various clinical stroke trials on thrombolysis and neuroprotectants in ischaemic stroke and hemostatics in intracerebral haemorrhage. Dr. Steiner is highly involved in the preparation of guidelines ESO, the German Neurological Society, and the German Stroke Society.

Dr. Steiner has published in such journals as the New England Journal of Medicine, Lancet Neurology, Stroke, Neurology, Annals of Neurology, the European Stroke Journal of the Journal of Neurosurgery, Cerebrovascular Diseases, and others the Journal of Neurology, European Neurology, and the American Journal of Neuroradiology.

Dr. Steiner is chairman of the European Stroke Organization (ESO) guidelines board, and member of the ESO board of directors. He is associated editor of the International Journal of Stroke.

#### DANIEL STRBIAN, HELSINKI, FINLAND



Associate Professor Daniel Strbian, MD, PhD, MSc (Stroke Med), FESO, undertook his pre-graduate studies at the Comenius University in Bratislava and at the George-August University in Göttingen. He trained in neurology at the Helsinki University Hospital, where he was board certified in neurology, obtained PhD degree, and became an associate professor in neurology. Thereafter he undertook an ESO-endorsed master programme at the Danube University in Krems and obtained the degree of Master of Science

in Stroke Medicine. He is a fellow of the ESO.

Daniel Strbian has been practicing at the Helsinki University Hospital since 2002, selected as one of the top hospitals in treatment of patients with cerebrovascular disorders worldwide. Strbian's practice specializes in the care of critically ill neurological patients. He is responsible for the emergency neurological services, which includes neurological emergency and intensive care unit. He serves as a consultant for intensive care units of other subspecialties seeking neurological consultation. Strbian's interests also include end-of-life issues. Strbian's major research area includes acute management of cerebrovascular disorders: thrombolysis and/or thrombectomy for acute ischemic stroke, blood-brain barrier disruption following ischemic stroke, complications of acute revascularization treatment, and management of intracerebral hemorrhage. Another topic of interest is prognostic stroke research. Strbian is an author of over 100 peer-reviewed publications, he served in the editorial board of Current Vascular Pharmacology, and as a section editor in the Stroke journal (Illustrative teaching cases). He now serves as a section editor in Stroke for the Emerging therapies.



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#### TURGUT TATLISUMAK, GOTHENBURG, SWEDEN



Turgut Tatlisumak is professor of neurology at the University of Gothenburg and Sahlgrenska University Hospital, Gothenburg, Sweden. He has long served as the vice chairman and director of stroke center at the Department of Neurology, Helsinki University Central Hospital. He trained in neurology at the same department and completed a research fellowship at the University of Massachusetts Medical Center. He holds degrees in teaching and health administration. He is the founding chairman of Finnish National Telestroke Network. Turgut Tatlisumak's research field is experimental and clinical stroke. He has edited or contributed to more than 10 books and published over

300 articles. He served as assistant editor and member of editorial board of Stroke, was the founding chief editor of Case Reports in Neurology, and member of editorial board in several other journals including Stroke. He served as a peer reviewer to over 60 journals over 300 times, several research funding bodies, and to many prestigious universities for academic promotions. Dr Tatlisumak has been involved in over 50 multicenter trials serving at various positions including chairmanship of steering committees. He supervised 12 PhD, 10 master's, and 35 MD theses. He has received several teaching and research awards. Dr Tatlisumak has served on executive committee of the Finnish Neurological Society and the Nordic Stroke Society. He is past treasurer of the European Stroke Organization. He is a fellow of AHA and ESO.

#### STYLIANOS TZEIS, ATHENS, GREECE



Dr Stelios Tzeis qualified from the National and Kapodistrian University, School of Medicine in Athens, Greece, and trained as a cardiologist in Athens. He completed his PhD thesis in the National and Kapodistrian University, School of Medicine in Athens. From 2007 to 2009 he performed his training fellowship in electrophysiology and cardiac pacing in Deutsches Herzzentrum Muenchen, in Munich, Germany with a two-year grant awarded by the European Heart Rhythm Association. He has been

awarded the European Certification of professional excellence in the field of invasive cardiac electrophysiology and cardiac pacing & ICDs.

He has been working as a consultant electrophysiologist at Henry Dunant Hospital Center, in Athens since 2009. His current practice involves all aspects of electrophysiology and management of cardiac arrhythmias including catheter ablation, implantation of pacemakers and cardiac defibrillators and also cardiac resynchronisation therapy for heart failure patients.

In addition to his clinical work he has served as a member of the EHRA Certification Committee for Cardiac Pacing (2009-2016) and a member of the ESC Training and Research Grant Committee (2011-2012), while he is currently the vice-chairperson of the EHRA Certification Committee. He has published over 80 papers in peer-reviewed journals.



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#### BART VAN DER WORP, UTRECHT, THE NETHERLAND



Bart van der Worp is a neurologist with a special interest in cerebrovascular diseases at the University Medical Center in Utrecht, the Netherlands. He has been (co-)Chief Investigator of the randomised clinical trials HAMLET, PAIS, COOLIST, and VAST and is (co)Chief Investigator of PRECIOUS (www.precioustrial.eu), EuroHYP-1 (www.eurohyp1.eu), APACHE-AF (www.apache-af.nl), and - starting shortly - MR ASAP.

He is a member of the recently founded Dutch CONTRAST consortium which aims to identify and test

new treatments for patients with acute ischaemic stroke or intracerebral haemorrhage, a.o. via a range of follow-up trials to MR CLEAN. Three years of preclinical work in the 1990s have aroused his interest in the translation of findings from animal stroke studies to clinical trials, which he aims to improve together with other members of CAMARADES (www.dcn.ed.ac.uk/camarades) and Multi-PART (www.dcn.ed.ac.uk/multipart). Bart is President Elect of ESO.

#### SOFIA VASSILOPOULOU, ATHENS, GREECE



Sophia Vassilopoulou was born in 1971 in Athens. She graduated from Athens Medical School in 1996 and she became a Neurologist in 2003.She had her PhD in The Innate immunity of Abacterial Meningitis in 2005 and since then she is working in Eginition Hospital in the Stroke ward. In2009 she graduated from" European Master in Stroke Medicine" in Donau- Universitat, Krems, the ESO's Master Diploma. She is an Assistant Professor of Neurology since 2014in National and Kapodistrean University of Athens. She's a mother of two lovely boys.



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#### KONSTANTINOS VEMMOS, ATHENS, GREECE



Dr Konstantinos Vemmos is an Internist, with special interest in the prevention and treatment of cerebrovascular disease since 1989 (Stroke Medicine).

He has served in the department of Clinical Therapeutics of the University of Athens at the hospital "Alexandra" from 1978 to 2012 as consultant and, later on, as a Director in the National Health System. During the years 1991-1992 he trained as a

Clinical Stroke Research Fellow in the department of Neurology (Stroke Service) of New England Medical Center, TUFTS University. In 1992 he was organized the first Acute Stroke Unit in Greece in the department of Clinical Therapeutics of the University of Athens (Alexandra Hospital) and he was director from 1992 until 2012.

He is a fellow member of the European Stroke Organization, the World Stroke Organization and a founding member of the "Hellenic Cardiovascular Research Society". Since, 2014 he is the elected president of the Hellenic Stroke Association. Dr Vemmos is the co-editor of the journal "HEART VESSELS & BRAIN" and co-organizer of the annual Conference "Heart, Vessels & Stroke".

He is a founding member of the Institute for the study and education in Thrombosis and Antithrombotic therapy (IMETHA). Since 2015, he is elective president of the Hellenic Stroke Organization. He has published more than 140 scientific articles in international literature with more than 3,000 citations. He has participated in international conferences with more than 200 abstracts and has given the last year's more than 250 lectures on stroke fields. The main topics of his scientific research are: epidemiology and prevention of stroke, acute phase of stroke management, stroke risk factors, prognosis of stroke, etc. He is also a reviewer in several international medical journals and has authored chapters in scientific books as well as a large number of articles in magazines and newspapers.



Κάθε καψάκιο περιέχει:

100mg ακετυλοσαλικυλικό οξύ

20mg ατορβαστατίνη

2.5 ń 5 ń 10mg ραμιπρίλη



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Κάτοχος της άδειας κυκλοφορίας: Bayer Pharma AG, 13342 Berlin, Γερμανία Τοπικός ανιτιρόσωπος του κατόχου αδείας κυκλοφορίας στην Ελλάδα: Bayer Ελλάς ABEE, Σωρού 18-20, 151 25 Μαρούοι, Τοπικός ανιτιρόσωπος του κατόχου αδείας κυκλοφορίας στην Κύπρο: Novagem Ltd, Τηλ:00357 22483858

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ELPEN A.E. ΘΑΡΜΑΚΕΥΤΙΚΗ ΒΙΟΜΗΧΑΝΙΑ Λεωφ. Μαραθώνος 95, 190 09 Πικέρμα Ατιτικής, Της: 210 6039308 - 9, Faz: 210 6039300 ΓΡΑΦΕΙΑ ΕΠΙΣΤΗΜΟΝΙΚΗΣ ΕΝΗΜΕΡΩΣΗΣ Σαβαστικάς 11. 115 28 Αθγνα, Τηλ: 210 7488711, Fax: 210 7488731 Εΰν. Αντιστάσεως 114, 551 34 Θεοσαλονίκη, Τηλ: 2310 45920 - 1, Fax: 2310 459269

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Πριν τη συνταγογράφηση για κάθε ένδειξη συμβουλευθείτε την αντίστοιχη Περίληψη των Χαρακτηριστικών του Προϊόντος.

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