

ESO Yearbook 2014/2015



www.eso-stroke.org

ESO

*EUROPEAN STROKE
ORGANISATION*

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Impressum

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Message from the President



Prof. Kennedy Lees
Glasgow, United Kingdom
President
kennedy.lees@glasgow.ac.uk

Welcome to the ESO Yearbook 2014/2015. It is a pleasure yet a challenge to write an adequate introduction to our organisation's activities since they cover such a broad front. Rather than introduce these individually, I prefer to draw attention to just four concepts.

First, this is an association of active people with a common interest in stroke, all of whom are intelligent, committed and hardworking. Many are also truly exceptional leaders in their hospitals and on the international scene. Whatever ESO has achieved and is working towards is possible through the agency of these colleagues. I pay tribute to their skills and effort, and to the enormous support that my committee and I have received. The chairmen of our committees have prepared reports about their groups' work but these bare reports cannot do justice to the time and thought that has gone into the activities.

Second, we have a strong educational base. Our contributions range from short summer schools that cover a broad range of medical and social topics in stroke, the masters course which teaches similar subjects in depth and demands great commitment from its students and teachers, through to the winter school which takes the exciting topic of endovascular treatment and works with neurology/neuroradiology pairings to offer detailed practical knowledge over an intensive week of lectures and hands-on sessions. These are supplemented with opportunities for more individual departmental visits, research attachments and now even a PhD studentship.

Third, we are placing considerable emphasis on implementing best practice in stroke. In this regard, we perform detailed analysis of research findings to generate robust evidence-based clinical guidelines, both ourselves and in association with related specialties. The ESO-Karolinska meeting gives an opportunity to debate and plan new guidelines. We have stroke unit certification schemes for the most developed countries and have started to work with less advantaged regions in Eastern Europe to help them to create stroke networks and centres and to build their services that implement optimal care. Alongside our sister organisation the WSO, we endorse political statements and activities intended to encourage governments and health authorities to place stroke high on their agenda. We also have an invaluable PR committee to promote our activities.

Fourth, we have a strong research agenda. This also covers a wide spectrum. The European Stroke Science Workshop brings together active researchers to debate topical issues and stimulate new ideas; our pre-ESOC workshops on specific topics such as trial enrolment, trial outcomes, health economics etc. have potential to change design and conduct of clinical research. The trials network is striving to improve the environment for conduct of research in Europe. Possibly our greatest achievement in the last year in terms of its effort and potential success when starting from a kernel of an idea, is the formation of our European Stroke Organisation Conference. This yearbook is prepared on the eve of that new conference, which promises to be an outstanding scientific, social and probably even financial success. It may generate a small surplus that will let us strengthen and secure the future of all other activities. Next on the research agenda, but not lagging far behind, will be our plans to create a new journal for the organisation.

In closing, I return to my first theme. None of this is possible without the colleagues who generate the ideas, implement them and work together so successfully. I am immensely grateful to all of them: the Executive Committee and especially the senior office bearers who bear the brunt of the work, the board members, the committee chairs and their colleagues, our fellows and members, the secretariat within Congrex Switzerland and our PCO for ESOC, Kenes. We also should acknowledge our sponsors and external supporters, who have been crucial to keeping ESO's wheels oiled. I know that everyone will join me in remembering, though, that we are working towards a better future for stroke patients and their carers.

A handwritten signature in black ink, appearing to read 'Ken Lees'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Ken Lees

Message from the President Elect



Dr. Valeria Caso
Perugia, Italy
President Elect
valeria.caso@ospedale.perugia.it

Dear ESO Members,

The ESO Yearbook will be an important instrument for communicating to its members past, ongoing and future projects and activities as well as being a vehicle for you, the members, to share and contribute your ideas on further developing ESO. You will have the opportunity to give feedback on the daily working of ESO. As members you work in different fields of medicine and different regions of the world. Being so, each of you has your own working network.

Our aim is to pull together these networks and create a cohesive body where the individual elements are allowed to grow due to the benefit of sharing experiences and expertise in an organised manner.

To highlight this benefit, since 2014 ESO has been collaborating with ESMINT and ESNR to realize the Bern Stroke Winter School programme where neuroradiologists and neurologists have been practising together. To date, this collaboration, together with ESO-Karolinska Stroke Update 2014, has produced the "Consensus Statement on Mechanical Thrombectomy in Acute Ischemic Stroke" published in February 2015. This document has already changed many national European guidelines and pathways on thrombectomy in acute stroke.

A future mission of this collaboration will be to publish guidelines by ESO-ESMINT-ESNR-EAN-ESNS entitled "Organisation of Acute Endovascular Treatment in Stroke Centres".

Another example of how working with other societies can benefit our battle against stroke, will be the upcoming joint session with ESNCH (European Society of Neurosonology and Cerebral Hemodynamics) which will be held during the ESOC in Glasgow. The two associations have also agreed to expand on this project in the future.

This year two joint sessions will be held with ESC (European Society of Cardiology), at ESOC and at the European Cardiology Congress in London. This is the first time that ESO will participate in the latter meeting. The specific role of Stroke Medicine in treating acute vascular brain occlusions will be highlighted.

Moreover, our collaboration with EAN, which started with the former EFNS and ENS, will be made tangible at the 2015 Berlin 1st Annual EAN Conference. We are building links with our colleagues further east. Not only do we have the ESO-EAST project, to support colleagues in Eastern Europe towards optimising services in their respective countries, but we also will have a joint session with APSO at ESOC in which we will discuss implementation of Asian-Pacific trial results.

Finally, our longstanding and very close collaboration with WSO will continue at ESOC 2015 and WSC 2016.

After having realised the 1st Yearbook our next project will be to set up a scientific journal on an international level. This journal will act as ESO's voice in the stroke research world. It will be based on a democratic rotation system in order to involve all of our expertise in the editorial board.

Dear members and friends, the main message that I want to give is that ESO wants to grow and to utilise and demonstrate excellence in every sphere of its activities. We believe that every single member can contribute to the society as there are many activities that still need to be covered.

We invite all ESO members to participate actively in our ambitions.

A handwritten signature in black ink that reads "Valeria Caso". The signature is written in a cursive, flowing style.

Valeria Caso

About ESO

The European Stroke Organisation (ESO) is a pan-European society of stroke researchers and physicians, national and regional stroke societies and lay organisations that was founded in December 2007.



The aim of the European Stroke Organisation (ESO) is to reduce the incidence and impact of stroke by changing the ways that stroke is viewed and treated. This can only be achieved by professional and public education, and by making institutional changes.

The ESO provides assistance in achieving this goal and in harmonising stroke management across the whole of Europe.

The ESO was formed as a merger of two previous stroke related associations, the European Stroke Council (ESC) and the European Stroke Initiative (EUSI).

The Mission of the ESO

The ESO's major objective is to improve stroke care in Europe by providing medical education to healthcare professionals and the lay public in Europe. By offering best practice approaches, the ESO's goal is to harmonise stroke management in Europe. The ESO focuses on European level projects.

The ESO is dedicated to the following purposes:

- To promote awareness, management, teaching and research in all aspects of stroke;
- To develop and promote public policies to reduce the number of deaths by stroke and to improve the care of stroke victims and the quality of life of stroke victims.
- To reduce the burden of stroke throughout Europe
- To develop and promote professional and public education;
- To develop and promote other appropriate activities such as fundraising and prevention programmes;
- To develop, promote, and coordinate international teaching programmes through national/regional organisations;
- To advise and guide on fundraising skills in order to enable national foundations and societies to finance a greater level and range of activities;
- To foster the development of an international communications system by encouraging the regional activities of organisations, stroke networks, foundations and organisations, as they operate within the goals and objectives of the organisation.

ESO Executive Committee



Prof. Kennedy Lees
Glasgow, United Kingdom
President
kennedy.lees@glasgow.ac.uk

*University of Glasgow and Western Infirmary,
Glasgow/UK*

Kennedy Lees is Professor of Cerebrovascular Medicine at the University of Glasgow and has been Director of the Acute Stroke Unit in the Western Infirmary in Glasgow since it was established in 1990. His research interests include acute neuroprotection and thrombolysis for stroke, stroke trial design and secondary prevention, including the use of antihypertensive drugs and their effect on cerebral blood flow. Recent research has concerned choice of outcome measures for stroke trials, the training of investigators in their use – such as the Rankin training programme – and the optimal analysis approaches.

[Read more ...](#)



PD Dr. Patrik Michel
Lausanne, Switzerland
Secretary General
patrik.michel@chuv.ch

*Centre Hospitalier Universitaire de Lausanne,
Stroke Unit, Lausanne/Switzerland*

Patrik Michel has trained in South Africa, Boston, and Lausanne, and is now Privat Docent at the University of Lausanne and Head Physician in the Neurosciences Department of the Centre Hospitalier Universitaire Vaudois (CHUV). There, he directs the Stroke Center and its clinical research team, and is head of the inpatient unit of the Neurology Service.

[Read more ...](#)



Dr. Valeria Caso
Perugia, Italy
President Elect
valeria.caso@ospedale.perugia.it

University of Perugia, Perugia/Italy

Valeria Caso is a stroke neurologist at the University of Perugia Stroke Unit. She earned her PhD from the University of Perugia in stroke medicine in 2003 and has been recently certified in the role of associate professor in Neurology. She has authored and co-authored more than 200 published papers and book chapters.

[Read more ...](#)

Further members of the ESO Executive Committee:

Past President

Prof. Michael Brainin, Krems/Austria

Vice President

Dr. Bart van der Worp, Utrecht/Netherlands

Treasurer

Prof. Turgut Tatlisumak, Helsinki/Finland

Members at Large

Prof. Heinrich Mattle, Berne/Switzerland

Prof. Nils Wahlgren, Stockholm/Sweden

Co-opted Members at Large:

Prof. Martin Dichgans, Munich/Germany

Dr. Robert Mikulik, Brno/Czech Republic

ESO Board of Directors

László Csiba, Hungary (Chair)
Ale Algra, Netherlands
Pierre Amarenco, France
Philip Bath, United Kingdom
Eivind Berge, Norway
Hanne Christensen, Denmark
Charlotte Cordonnier, France
Gary Ford, United Kingdom
Peter Rothwell, United Kingdom
David Russell, Norway
Peter Schellinger, Germany
Danilo Toni, Italy
Alexander Tsiskaridze, Georgia
Roland Veltkamp, Germany

ESO Council of Fellows



Prof. David Russell
Oslo, Norway
Chair of the Council of Fellows

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ESO Honorary Members



Prof. Werner Hacke
Ruprecht-Karls-University
Heidelberg
Department of Neurology
Heidelberg, Germany



Prof. Markku Kaste
Helsinki University Central
Hospital
University of Helsinki
Department of Neurology
Helsinki, Finland



Prof. Didier Leys
University of Lille
Department of Neurology
Lille, France

ESO Committees

Educational Committee

- Charlotte Cordonnier (Chair), France
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- Jean Claude Baron, United Kingdom
- Yannick Bédjôt, France
- Alvaro Cervera, Spain
- Krishna Dani, United Kingdom
- Raoul Eckhardt, Austria
- Julia Ferrari, Austria
- Jaap Kappelle, Netherlands
- Rolf Kern, Germany
- Martin Köhrmann, Germany
- Keith Muir, United Kingdom
- Satu Mustanoja, Finland
- Georgios Ntaios, Greece
- Laszlo Olah, Hungary
- Aleksandra Pavlovic, Serbia
- Jesper Petersson, Sweden
- Marco Ribo, Spain
- Jan Sobesky, Germany
- Emmanuel Touzé, France
- David Werring, United Kingdom

Guidelines Committee

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- George Ntaios (Chair), Greece
- Natan Bornstein, Israel
- Valeria Caso, Italy
- Hanne Christensen, Denmark
- Jacques De Keyser, Belgium
- Exuperio Diez-Tejedor, Spain
- José Ferro, Portugal
- Armin Grau, Germany
- Emanuela Keller, Switzerland
- Danilo Toni, Italy
- Guillaume Turc, France
- Bart van der Worp, Netherlands
- Hans-Christoph Diener, Germany – advisory member
- Gary Ford, United Kingdom – advisory member
- Didier Leys, France – advisory member
- David Russell, Norway – advisory member

ESO Committees

Industry Roundtable

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- Lars Marquardt, Germany
- Danilo Toni, Italy
- Kennedy Lees, United Kingdom
- Risto Roine, Finland
- Mikael Mazighi, France
- Catharina Klijn, Netherlands
- Patrik Michel, Switzerland – ESO Secretary General
- Philip Bath, United Kingdom – advisory member
- Michael Brainin, Austria – advisory member
- Werner Hacke, Germany – advisory member

International Liaison Committee

- Joanna Wardlaw (Chair), United Kingdom
- Louisa Christensen, Denmark
- Paul Eioin Cotter, Ireland
- Ming Liu, VR China
- Ayrton Massaro, Brazil
- Peter Schellinger, Germany
- Georgios K. Tsivgoulis, Greece
- Roman Herzig, Czech Republic – advisory member

Membership Committee

- Patrik Michel (Chair), Switzerland
- Atte Meretoja, Finland
- Maciej Niewada, Poland
- Thompson G. Robinson, United Kingdom
- Danilo Toni, Italy

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- Francesco Corea, Italy
- Albrecht Günther, Germany
- Titto Idicula, Norway
- Adam Kobayashi, Poland
- Maciej Niewada, Poland
- Francesca R. Pezzella, Italy
- Paola Santalucia, Italy
- Wolf-Rüdiger Schäbitz, Germany

Stroke Unit Committee

- Philippe Lyrer (Chair), Switzerland
- Juan Arenillas, Spain
- Hanne Christensen, Denmark
- Markku Kaste, Finland
- Thierry Moulin, France
- Helen Rodgers, United Kingdom
- Vincent Thijs, Belgium
- Ulrike Waje-Andreassen, Norway

Telestroke Committee

- Thierry Moulin (Chair), France
- Heinrich Audebert, Germany
- Benjamin Bouamra, France
- Charlotte Cordonnier, France
- Gordian Hubert, Germany
- Elisabeth Medeiros de Bustos, France
- Peter Müller-Barna, Germany
- Tiina Sairanen, Finland
- Holly Sandu, France
- Turgut Tatlisumak, Finland

Trials Network Committee

- Eivind Berge (Chair), Norway
- Marcel Arnold, Switzerland
- Exuperio Diez-Tejedor, Spain
- Dalius Jatuzis, Lithuania
- Adam Kobayashi, Poland
- Janika Kõrv, Estonia
- Derk Krieger, Denmark
- Peter Sandercock, United Kingdom
- Christian Stapf, France
- Bart van der Worp, Netherlands
- Gary Ford, UK – advisory member
- Rustam Al-Shahi Salman, UK – advisory member

Young Stroke Physicians Committee

- Urs Fischer (Chair), Switzerland
- Catarina Fonseca, Portugal
- Olivia Geraghty, Ireland
- Gerhard Jan Jungehülsing, Germany
- Svetlana Lorenzano, Italy
- Jens Minnerup, Germany
- Else Charlotte Sandset, Norway
- Olivera Stojiljkovic, Serbia
- Daniel Strbian, Finland
- Alastair Webb, United Kingdom

ESO Committee Reports 2014 – Summaries

Education Committee

The Education Committee and Summer School Committee have merged. The Winter School should also be integrated into this committee in the near future. One proposal has been received for the Summer School 2017 and will be examined. The Virtual Stroke University website has been redesigned and updated by the Virtual Stroke University review committee.

Guidelines Committee

ESO guidelines on intracranial haemorrhage (ICH) were published and other guidelines presented at the ESC in Nice are waiting publication this year. New module topics on sleep and stroke, women and stroke and DVT prophylaxis have been initiated.

A consensus has been reached on the new structure of the ESO Karolinska stroke updates that can assist in the preparation of ESO guidelines. A revised draft for the preparation of the ESO guidelines (“Standard Operating Procedures”) is currently been finalized. In addition, an ESO guidelines session will take place during the ESOC 2015 in Glasgow for the first time.

Industry Roundtable

In 2014, a central discussion point was the need, and subsequently setting-up, of the European Stroke Organisation Conference. Attending companies were very highly supportive of this development and offered useful comments on how this might best be delivered.

In addition, an academic-industry workshop held at the 2013 ESC on device stroke trials was published in the International Journal of Stroke in 2014. Two industry roundtable meetings are planned for 2015, and a health economics workshop will be held at the ESO Conference 2015 in Glasgow.

Natan Bornstein follows Philip Bath as chair of the Industry Roundtable.

International Liaison Committee

The ILC endorsed the following meetings in 2014/2015:

Congress	Place	Date
4 th ICAA Conference	London, UK	Sep 18–20, 2014
Giornata Mondiale Ictus	Perugia, Italy	Oct 29, 2014
13 th International Symposium of the Belgian Stroke Council	Leuven, Belgium	Nov 29, 2014
Neurovascular Care course	Brugge, Belgium	Nov–Dec 2014, Apr 2015
9 th UK Stroke Forum Conference 2014	Harrogate, UK	Dec 2–4, 2014
9 th Portuguese Stroke Congress	Porto, Portugal	Feb 5–7, 2015
SLICE meeting	Montpellier, France	Sep 7–9, 2015
Stroke Rehab: From No-Tech to Go-Tech	Christchurch, New Zealand	May 21–23, 2015

A partial renewal of the ILC has been performed with Joanna Wardlaw replacing Roman Herzig as chair.

Membership Committee

The Membership Committee continued to pursue various activities to retain and increase membership. As a result of these efforts, a number of new individual members and organisations has been recruited bringing the total number of individual members to over 900, organisational members to 23. Several new fellows (FESO) have also been nominated and accepted.

ESO Committee Reports 2014 – Summaries

Public Relations Committee

Activities of the PR Committee comprised advising the organisation on communication tools and content (Twitter, website, ESO publications, newsletter) and on external communication possibilities; picking up (political) trends, possibly important for ESO. In 2015, Geert Vanhooren will step down as chair and will be replaced at the Glasgow meeting.

Stroke Unit Committee

The main goal in 2014 was the development of a checklist which corresponds to the quality criteria of future ESO stroke units or centres. The certification process criteria, developed by committee members using evaluation templates, enabled separation of ESO stroke units from ESO stroke centres. Four quality levels will be proposed per member country. A complete report of the face-to-face meeting will be submitted this year. Future projects will be the identification of variables quality assessments.

Telestroke Committee

Joint research with the APSO and the WSO concerning gathering of information on telestroke networks has been performed and extended to the Pacific area. A questionnaire was sent to telestroke coordinators in the Pacific area. Data gathering will continue for the telestroke networks in Europe. Research concerning the implementation of a clinical protocol by telestroke will be tested in Germany, France and Finland.

Trials Network Committee

The objective of the Trial Network Committee is to facilitate academic stroke research in Europe. The committee has created a database repository of 121 ongoing stroke studies running in Europe, full details are available in the ESO website. The [committee website](#) includes a number of resources for investigators and outcomes of focussed workshops on stroke trial recruitment.

Young Stroke Physician Committee

A successful career mentoring workshop was well reviewed at the ESC in Nice. The first ESO-ESMINT-ESNR Stroke Winter School was held in 2014, followed by a second Winter School in February 2015. In addition, the ESO Department-to-Department Visiting Programme was relaunched. The YSPs helped select candidates for 2014. Ongoing and future activities are future Winter Schools and YSPs sessions and meeting at conferences. The format for the sessions will be modified with the opportunity for those <40 years old to submit abstracts. Abstracts will be presented in an open forum and discussed to gain guidance from a senior expert and the outside and develop networks for multi-center studies and collaborations. To ensure that ESO stays in touch with modern multimedia, ESO is active on Facebook and Twitter with weekly updates on important stroke topics.

European Stroke Conference – ESOC 2015

- > 2'500 attendees expected
- > 1'200 abstracts accepted
- 34 official symposia
- Joint symposia with WSO, ESC, European Neursonology, ESMINT, ESNR, APSO, WFNR
- 10 teaching courses, 3 workshops
- 8 satellite symposia
- Preconference workshops
 - ESO-EAST Workshop
 - ESO-VISTA Health Economics Workshop
 - ESO Trials Network Committee Workshop
- ESOC 2016: 10–12th May, Barcelona



The European Stroke Organisation 2015 Conference

17-19 April, 2015
Glasgow, UK



→ www.eso-stroke.org



ESO Finances 2014

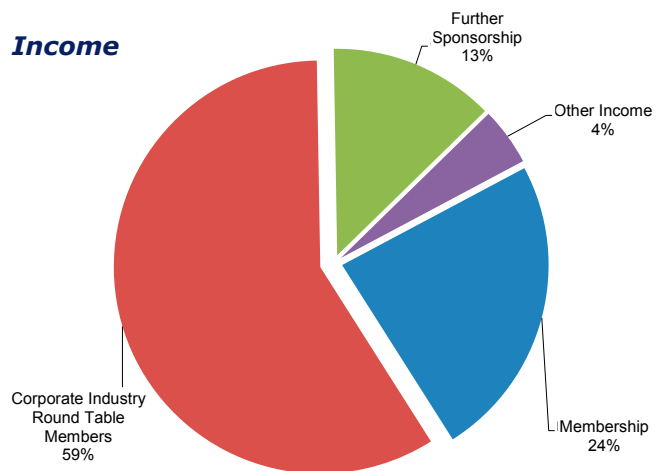


Prof. Turgut Tatlisumak
Treasurer
 turgut.tatlisumak@hus.fi

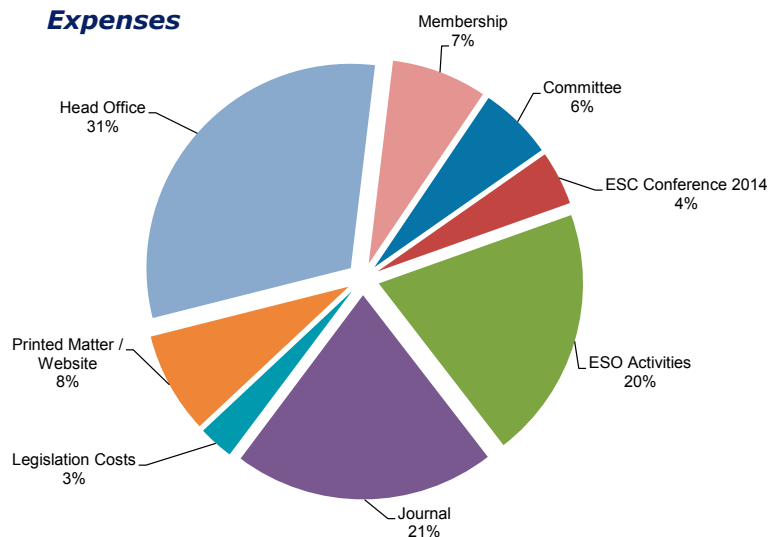
With a positive balance of 116'651 EUR and a capital of 285'632 EUR at the end of 2014, ESO is in a sound financial position. Expenses amounted to 199'192 EUR which was in line with the projected figure (198'757 EUR). Major positions included costs of the administrative secretariat, Journal costs (access for members to the online version of the Cerebrovascular Diseases, cancelled by the end of 2014), ESO Activities (incl. costs of the European Stroke Science Workshop 2013 and other educational activities). An income of 315'844 EUR was generated. This was more than the projected 289'010 EUR as a result of more revenue due to increased membership numbers and higher than expected income from sponsoring (support of various ESO activities, e.g. for Summer School, guidelines).

The financial statement 2014 was revised by the two ESO auditors (ESO members) Ana Verdelho and Roland Veltkamp who have both approved the documents. Their reports will be presented to ESO members at the General Assembly 2014. In addition, the financial statement 2014 will be reviewed by a professional auditing company for the first time in 2014. The results will be presented to ESO members.

Income



Expenses



Sponsoring

We thank our sponsors for their generous and ongoing support of our organisation.

major sponsor



secondary sponsor



ESO Awards 2014

European Master's Programme in Stroke Medicine

In 2014, ESO awarded three scholarships of 6'000 EUR each to participants in the ESO European Master's Programme in Stroke Medicine. The programme is a full Master's course offered by the ESO with support from the WSO covering all fields of stroke management and therapy by a distinguished Europe-wide faculty of stroke experts. The course starts biannually at the Danube University Krems, Austria.

Awardees 2014:

Miguel Angel Barbozo Elizondo
Carl Christian Cederholm
Anette Fromm

ESO Research Stipend

Starting 2014, ESO offers a Research Stipend Programme to young scientists and physicians from lower-middle income European countries to facilitate their conduct of and training in basic, clinical or applied research related to stroke in European laboratories or clinics.

Awardee 2014:

Stela Rutović

ESO Department-to-Department Visiting Programme

The ESO Department-to-Department Visiting Programme is offered to young clinician scientists and physicians to support a week of training or research related to stroke in European laboratories or clinics.

Awardees 2014:

Ana Carrilho Romeiro
Nadzeya Harbachova
Vera Nezgovorova
Guillaume Turc

Activities 2014/2015

Summer School

18th ESO Summer School, Glasgow/Scotland, UK

The 18th ESO Summer School was held in Glasgow, Scotland, from 24th to 29th August 2014. It was hosted by Prof. Keith Muir, Dr. Krishna Dani, Dr. Johann Selvarajah, and co-ordinated by Mrs. Kirsty McAneny in the University of Glasgow, Scotland, UK.

The programme of the ESO Summer School 2014 comprised a combination of lectures and debates, in addition to a stimulating social programme.

[Read more ...](#)



Winter School

1st ESO-ESMINT-ESNR Winter School

The 1st ESO-ESMINT-ESNR Stroke Winter School was held in Bern, Switzerland from 4th to 7th February 2014. The local organizing committee were Prof. Jan Gralla, Prof. Heinrich Mattle, PD Dr. Pasquale Mordasini and Prof. Urs Fischer. They were actively supported by Lynn Gasser, Martin Zbinden and Helena Gerber.

The primary aim of the first ESO-ESMINT-ESNR Stroke Winter School was to bring together young European stroke physicians and neuroradiologists in order to enhance interdisciplinary management of patients with acute ischaemic stroke.

After the success of the 1st ESO-ESMINT-ESNR Stroke Winter School in 2014, the 2nd ESO-ESMINT-ESNR Stroke Winter School took place from 3rd to 6th of February 2015 in Bern, Switzerland.

[Read more ...](#)



2nd ESO-ESMINT-ESNR Winter School

The 2nd ESO ESMINT ESNR Stroke Winter School was held in Bern, Switzerland from the 3rd to 6th of February 2015. The local organizing committee were Prof. Jan Gralla, Prof. Heinrich Mattle, PD Dr. Pasquale Mordasini and Prof. Urs Fischer. They were actively supported by Katharina Wenger, Martin Zbinden, Daniela Miescher and Helena Gerber.

[Read more ...](#)

European Master in Stroke Medicine

On 27th October 2014 the fifth course of the postgraduate Master programme “European Master in Stroke Medicine” which is part of the educational programme of the ESO started at the Danube University Krems. The Chairmen Prof. Michael Brainin and Prof. Wolf-Dieter Heiss welcomed 29 students from 21 different countries in Krems, 21 new starters and 8 continuers who started the course in later modules of the fourth course. For the first time, there were also students from China and Vietnam. During the first module in October/November, 18 leading experts in Stroke Medicine gave lectures in “Imaging and Pathophysiology”. Prof. Heinrich Mattle from the University Hospital of Bern, Switzerland, gave a special lecture on “PFO related stroke and migraine”. Within four semesters the students gain knowledge in “Imaging & Pathophysiology”, “Clinical epidemiology & Prevention”, “Diagnostics & Syndromes” as well as “Therapeutic strategies & Neurorehabilitation”. They complete a 4-week-practice in European Stroke Units and write a Master Thesis to gain the Master in Science in Stroke Medicine. The 2nd module of the programme starts on 20th April 2015.



ESO-Karolinska Stroke Update Conference

The 1st ESO-Karolinska Stroke Update 2014 meeting took place in Stockholm, Sweden, from 16th to 18th November 2014. It offered the opportunity for stroke professionals to discuss implementation of new research into guidelines and clinical routine.

[Read more ...](#)

ESO Trials Network Committee Workshop

The 1st workshop of the ESO Trials Network Committee on the topic “What are the regulatory barriers to multi-national stroke studies in Europe, and how can they be overcome?” was held in Nice, France on 6th May 2014. Slides from the workshop and further resources for investigators are available [here](#). The next workshop on the topic “Methods to improve recruitment and retention in stroke trials” will be held during the ESO Conference 2015 in Glasgow.

Guidelines

In October 4 2014, ESO published the European Stroke Organisation Guidelines for the Management of Spontaneous Intracerebral Hemorrhage.

[Read more ...](#)

Virtual Stroke University

The [ESO Virtual Stroke University](#) (VSU) was completely updated in 2014 including new programming and new design. The VSU contains videos and presentations from ESO events.

WISE (Women Initiative for Stroke in Europe)

WISE – Women Initiative for Stroke in Europe ESO working Group was formally constituted in 2014.



Sex and gender differences in cardio-cerebrovascular disease represent a main scientific and social issue that deserve a dedicated attention by the scientific community. WISE in ESO could represent the ideal European context to join efforts and scientific initiatives to face this important topic. Europe is a multifaceted country, the known diversities in health-care systems, economical and social settings, and multi-ethnicity, all might affect the cardiovascular risk profile and cerebrovascular disease, translating potentially in differences in terms of outcome and social aspects gender-related, in this context, the WISE group could address an European answer to the issue of stroke in women. If you are interested to join the WISE group please write to Paola Santalucia or to Aleksandra Pavlovic at the following e-mail addresses: p_santalucia@hotmail.com, aleksandra3003@yahoo.com.

ESO Publications

Published

Organisational Update (Lees, Caso, Michel, Stroke 2015)

Stroke Unit/Center criteria (Ringelstein, Stroke 2013)

Subarachnoid haemorrhage (Steiner, Cerebrovasc Dis 2013)

Intracranial haemorrhage (Steiner, Int J Stroke 2014)

[European Stroke Science Workshop 2013](#)

[Testing devices for the prevention and treatment of stroke and its complications](#)

Submitted for publication

Standard operating procedures for ESO guidelines (Steiner et al.)

Acute temperature management (Ntaios et al.)

Under development

Prehospital Management, sinus venous thrombosis

Mechanical thrombectomy, space-occupying hemispheric infarction

DVT prevention in Ischemic Stroke

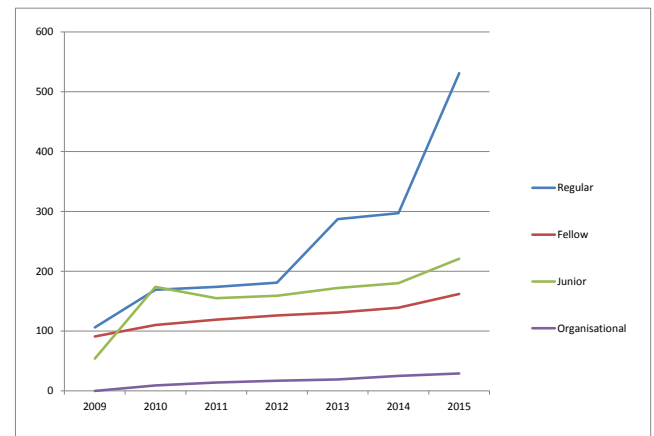
Stroke Guidelines in Women

Membership 2014/2015

In the course of 2014 and continuing in 2015, membership numbers went up significantly. There was a rise from 663 members on 31 March 2014 to 943 members on 31 March 2015, constituting an increase of 42%.

This remarkable rise in membership numbers is no mean feat: Throughout the year, the membership committee, with support from the head office, has continued to pursue efforts of recruiting new members through various activities – newsletters, mailings, personal letters to national stroke societies and key stroke leaders as well as collaborating with other societies in mutual promotion of membership and joint membership schemes, as with the WSO. Summer and Winter School alumni as well as alumni of the European Master in Stroke Medicine were actively contacted on a regular basis. Further efforts included actively retaining non-paying members by personal e-mail and encouraging ESO members to promote ESO membership within their institutions and networks or during local, national or international talks. For this purpose, a slide kit was provided. It can be found on the ESO website [here](#).

ESO membership development 2009–2015



The following professional organisations joined ESO in 2014:

- Stroke Council, Irish Heart Foundation
- Stroke Society of Australasia
- Cerebrovascular Section, Slovak Neurological Society

More members mean increasing knowledge sharing, networking and generation of new ideas. We therefore thank all our members for their valuable contribution towards the success of ESO.

ESO offers the following membership incentives:

- [Reduced registration fee to the ESO Conference](#)
- Membership certificate
- Joint membership with WSO (for only additional 35 EUR per year)
- Newsletter
- Access to ESO educational online material
- Possibility to participate in ESO committees
- Right to apply for ESO scholarships for the European Master in Stroke Medicine (MSc) programme
- Right to participate and vote at the ESO General Assembly
- ESO Fellows: entitled to use the title 'FESO' and to participate in the Council of Fellows

Membership registration and renewal are available [here](#).

Upcoming Events

The European Stroke Organisation Conference 2015

April 17–19, 2015 – Glasgow, United Kingdom
eso.kenes.com

Neurovascular Care Course

November-December 2014 and April 2015 – Brugge, Belgium
<https://www.vives.be/>

Stroke Rehab: From No-Tech to Go-Tech

May 10–12, 2015 – Christchurch, New Zealand
www.science.canterbury.ac.nz/stroke-rehab/

1st Congress of the European Academy of Neurology (EAN)

June 20–23, 2015 – Berlin, Germany
www.eaneurology.org/berlin2015

International Conference on Stroke and Crossroads in Medicine

June 25–27, 2015 – Debrecen, Hungary
[Conference Flyer](#)

ESO Summer School 2015

August 24–28, 2015 – Hradec Králové, Czech

7th ESMINT Congress

September 10–12, 2015 – Nice, France
www.esmint.eu/events/congress

SLICE – Stroke Live Course

The Multidisciplinary Stroke Team Meeting
September 7–9, 2015 – Nice, France
www.slice-online.com

Asia Pacific Stroke Conference

October 2–4, 2015 – Kuala Lumpur, Malaysia
apsc2015my.com

European Stroke Science Workshop

November 19–21, 2015 – Garmisch-Partenkirchen, Germany
www.eso-stroke.org/eso-stroke/eso-activities/european-stroke-science-workshop.html

3rd ESO-ESMINT-ESNR Stroke Winter School

February 9–12, 2016 – Berne, Switzerland
www.strokewinterschool.com/sws/