

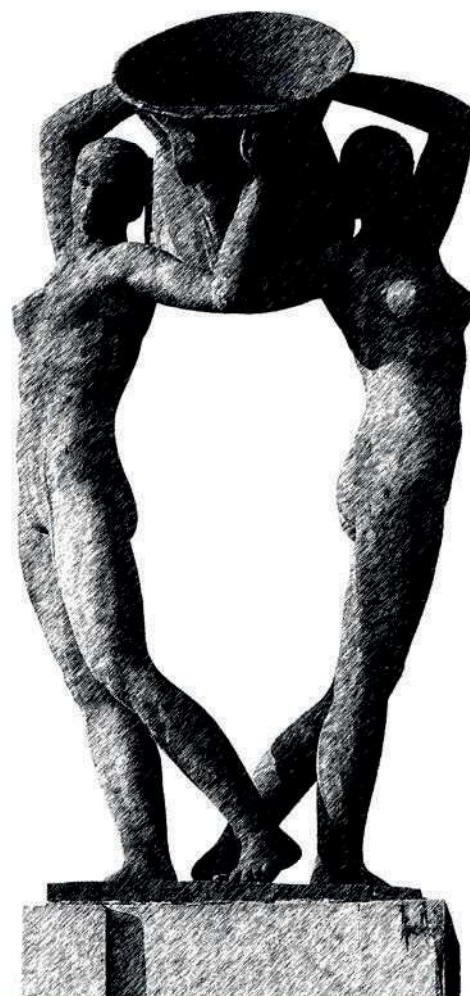


EUROPEAN STROKE  
ORGANISATION



UNIVERSITY  
OF L'AQUILA

SUMMER  
SCHOOL



# Agenda

*L'Aquila 2023.  
September 04<sup>th</sup> / 08<sup>th</sup>*



**Palazzo Camponeschi. L'Aquila**  
*Piazza Santa Margherita*





*L'Aquila is within easy reach of both Rome and Pescara by bus.*

## **ROME - L'AQUILA**

*The bus of Autolinee TUA leaves from Tiburtina Station:*

*Trains to Tiburtina Station depart every 20 minutes (from 6:15 a.m. to 12:15 p.m.) from Leonardo da Vinci Airport (Fiumicino). The journey takes about 40 minutes.*

*Buses depart from Ciampino Airport every 15-20 minutes for the Anagnina underground station, where you can take an underground train ("metropolitana") to Termini Station; when you reach Termini you will have to change from the A to the B line for Tiburtina. The journey takes about an hour.*

*From Termini Station the underground (B line) takes about 10 minutes to Tiburtina.*

*You can purchase a bus ticket for L'Aquila online or from the "Autolinee TUA" ticket office near the Tiburtina bus station. The journey takes approximately 1 hour and 40 minutes and the bus terminates at Collemaggio terminal.*

*An express coach service leaving directly from Leonardo da Vinci Airport (Fiumicino) and Ciampino Airport is operated by Gaspari Bus. The bus terminates at Amiternum Hotel. You can purchase a bus ticket online.*

*You can also reach L'Aquila (Collemaggio terminal) by FlixBus. See bus schedules & bus stops in L'Aquila.*

## **PESCARA - L'AQUILA**

*Buses for L'Aquila leave from the bus station in Piazza della Repubblica (next to the Central Railway Station):*

*Buses from Abruzzo International Airport to the Central Railway Station depart every 10 minutes (from 5:30 a.m. to 11:30 p.m.). The journey takes about ten minutes.*

*The bus ticket for L'Aquila can be purchased online or from the ticket office of Autolinee TUA in Piazzale della Stazione. The journey to L'Aquila takes about 1 hour and 50 minutes and the bus ride terminates at Collemaggio terminal.*



## Monday, September 4<sup>th</sup>

9.00    *Presentation of the ESO Summer School*  
          *Simona Sacco – Italy*

9.20    *Presentation of participants*  
          *Participants*

*coffee break*

11.30    *Imaging of stroke in emergency settings*  
 30'       *Massimo Caulo - Italy*

12.00    *Clinical scenarios of systemic reperfusion*  
 30'       *Danilo Toni - Italy*

12.30    *Interactive case-challenges with participants*  
 45'       *Ettore Nicolini - Italy*

*lunch*

14.30    *Mechanical thrombectomy*  
 30'       *Sandra Bracco - Italy*

15.00    *Tandem occlusions*  
 30'       *Marco Longoni - Italy*

15.30    *Posterior circulation stroke*  
 30'       *Andrea Zini - Italy*

*coffee break*

16.30    *Interactive case-challenges with participants*  
 45'       *Susanna Diamanti - Italy*



## Tuesday, September 5<sup>th</sup>

9.00 Organisation of stroke services: what matters?  
30' Paola Santalucia - Italy

9.30 Carotid web  
30' Marialuisa Zedde - Italy

10.00 Moyamoya disease and syndrome  
30' Anna Bersano - Italy

coffee break

11.00 Cerebral vasculitis  
30' Marialuisa Zedde - Italy

11.30 Monogenic causes of ischemic stroke  
30' Michelangelo Mancuso - Italy

12.00 Interactive case-challenges with participants  
45' Matteo Foschi - Italy

lunch

14.30 New insights in cerebral small vessel disease  
30' Leonardo Pantoni - Italy

15.00 Cerebral amyloid angiopathy  
30' Andrea Morotti

15.30 The bundle of care for intracerebral haemorrhage  
30' Simona Sacco - Italy

16.00 Restarting and reversal of anticoagulants in intracerebral  
haemorrhage  
30' Maurizio Paciaroni - Italy

coffee break

17.00 Interactive case-challenges with participants  
45' Raffaele Ornello - Italy





## **Wednesday, September 6<sup>th</sup>**

9.00    *The importance of building a network*  
30'        *Else Charlotte Sandset - Norway*

9.30    *The importance of mentorship*  
30'        *Valeria Caso - Italy*

10.00   *Advocacy and lobbying to improve stroke funding and care*  
30'        *Francesca Romana Pezzella - Italy*

10.30   *An insight into translational research in stroke*  
30'        *Diederik W. Dippel - Netherlands*

*coffee break*

11.30   *Meet the editor: tips for having your research project published*  
30'        *Else Charlotte Sandset - Norway*

12.00   *Q&A session to European Stroke Journal Editor-in-Chief and Vice Editor*  
30'        *Else Charlotte Sandset - Norway*

12.30   *Reducing the Burden of Stroke in Europe    Action plan for Stroke in Europe*  
30'        *Hanne Christensen - Denmark*

*lunch*



## Thursday, September 7<sup>th</sup>

9.00 *New insights in secondary stroke prevention*  
30' *Peter Kelly - Ireland*

9.30 *Lessons from genetics in stroke*  
30' *Martin Dichgans - Germany*

10.00 *Blood pressure control in the acute phase of stroke: what's new?*  
30' *Georgios Tsivgoulis - Greece*

*coffee break*

11.00 *Neuromodulation: a novel treatment for stroke recovery*  
30' *Jesse Dawson - UK*

11.30 *Prehospital stroke management - why we have to care*  
30' *Silke Walter - Germany*

12.00 *Top ten errors of statistical analysis and interpretation of results in (observational) studies for stroke research*  
30' *Guillaume Turc - France*

12.30 *Interactive case-challenges with participants*  
30' *Michele Romoli - Italy*

*lunch*

14.30 *The present and the future of acute stroke treatment*  
60' *Urs Fischer - Switzerland*

15.30 *Perfusion imaging and automated softwares*  
30' *Enrico Fainardi - Italy*

16.00 *Ischemic preconditioning in ischemic stroke*  
30' *Simone Beretta - Italy*

*coffee break*

17.00 *Interactive case-challenges with participants*  
45' *Federico Bruno - Italy*



## **Friday, September 8<sup>th</sup>**

09.30 *The Angels Initiative*  
30' Jan Van Der Merwe - Germany

10.00 *Stroke in pregnancy and puerperium*  
30' Svetlana Lorenzano - Italy

10.30 *Artificial Intelligence-based stroke decision support system:  
deus ex machine learning?*  
30' Pietro Caliandro - Italy

11.00 *An update on stroke rehabilitation*  
30' Giovanni Morone - Italy

*coffee break*

12.00 *Cervical artery dissection*  
30' Alessandro Pezzini - Italy

12.30 *PFO closure for stroke prevention*  
30' Cristian Pristipino - Italy

*lunch*







**Mohammed Aboutalebi**

*I am an Iranian neurology assistant and neuroscience researcher at "EvK Herne", Academic Teaching Hospital of the Ruhr University of Bochum, Germany. I obtained my medical degree at Tabriz University of Medical Sciences (TUMS) in 2018 and commenced my residency in 2023. During my medical education, I developed a strong passion for neuroscience and participated in various scientific activities (such as establishing the Students' Neurosciences Research Committee of TUMS). My current research interests are stroke, neuro-genetics, and brain modeling.*



**Aleksandra Angelova**

*Greetings, I am Aleksandra Angelova, from Skopje, North Macedonia. Presently I am nearing the completion of my esteemed neurology residency, preparing to embark a on a journey at the University Clinic for Neurology in Skopje, where I will be involved in the management of diverse neurological conditions, but with a particular focus on stroke patients. I have actively engaged in multiple conferences, workshops and training programs, and I have few publications centered on exploring the intricacies of stroke risk factors in my country.*



**Nicoletta Brunelli**

*I was born in Rome, Italy. I am neurologist and recently earned a PhD at Campus Bio-Medico University of Rome. Since my early years of university, I have developed a profound interest in clinical management and treatment of cerebrovascular disorders. Beyond clinical and research activity in stroke, I also perform duplex of neck vessels and cerebral arteries by transcranial doppler, hemodynamics evaluation, PFO test and emboli detection*





**Martina Caccamo**

*I am a Neurology Resident from the University of Bari, Apulia. Since medical school at the University of Messina, Sicily, I developed a strong interest in cerebrovascular disease. Through my active involvement in the Stroke Unit, I gained valuable skills in primary and secondary prevention, as well as in neurosonology and neuroradiology, adopting a comprehensive and multidisciplinary approach. Now in my third year as a Neurology Resident, I am committed to expanding my knowledge and providing optimal care for stroke patients. I am eager to be part of the ESO Stroke Summer School; it would offer me the opportunity to connect with international experts and stay updated on the latest advancements in stroke research, diagnostics, and therapeutics.*



**Laura Casado Fernandez**

*Neurologist currently working as a member of the Stroke Centre of La Paz University Hospital in Madrid, Spain. Since completing my residency, I have dedicated my career to specializing in cerebrovascular pathology. I also have an interest in research, and I am actively participating in projects focused on understanding the mechanisms of neuroprotection and repair after stroke.*



**Ieva Celpacenko**

*3rd year neurology resident at Lithuanian University of Health Sciences in Kaunas, Lithuania with major interest in cerebrovascular diseases.*







**Marin Covic**

*As I submitted in the application, I graduated from the Faculty of Medicine in Mostar in 2019. After graduating, I worked for two years in the Emergency Service. At the beginning of 2022, I started working as a Neurology resident at University Clinical Hospital in Mostar, Bosnia Herzegovina. Our hospital acts as a regional center for acute stroke, including implementation of urgent endovascular procedures.*



**Didem Darici**

*I was born on August 1, 1988 in Izmir, Turkey. I received my medical education at Afyon Kocatepe University, Faculty of Medicine, and I received my neurology assistant education at Eskişehir Osmangazi University. I have been working as an interventional neurology specialist in the stroke center of Istanbul Civilization University Faculty of Medicine for 3 years*



**Maria Denker**

*I am a second-year neurology resident living in Copenhagen with my husband and three-year-old son. I graduated medical school from the University of Copenhagen in 2017 and have been working in the field of neurology for about five years. Currently, I am fortunate to be working with passionate and talented neurologists at Bispebjerg Hospital in Copenhagen. Alongside stroke, I have a special interest in neuro-oncology. In my spare time, I love spending time in my garden and playing sports, especially football*







**Enida Durakovic Bratli**

*I am a 31 year old Consultant neurologist at the Stroke Unit at Oslo University Hospital Ullevål. I have a Medical Degree from the University of Lublin from 2016, and have done my internship and neurology specialization at the Vestfold Hospital in Norway. I have been at the Stroke Unit in Oslo from January 2023*



**Sarah Gorey**

*I'm in higher specialist training in Geriatric medicine in Ireland. I'm developing a specialist interest in clinical Stroke medicine and is pursuing a PhD on the theme of vascular inflammation in atherosclerosis and the prognostic role of blood biomarkers at University College Dublin, under the supervision of Peter Kelly.*



**Andres Granados Granados**

*Neurosurgeon from Maracaibo, Venezuela, completed my residency at the esteemed University Hospital of Maracaibo. With a strong interest in cerebrovascular disorders, I am committed to advancing stroke care and improving patient outcomes in Low Resources Facilities. I was granted with the EC-IC Bypass Fellowship from the World Federation of Neurosurgical Societies (WFNS) in 2023. As a dedicated Neuroanatomy professor at the University of Zulia, Dr. Granados shares his expertise and inspires the next generation of medical professionals.*





**Tina Gspan**

*I am a junior neurology resident from University Medical Centre Ljubljana in Slovenia, highly passionate about vascular neurology. Prior to commencing my residency, I conducted research focused on stroke imaging and its correlation with clinical outcomes. Attending this course right after completing my rotation in the stroke unit, I am particularly excited to further deepen my knowledge through this summer school, while meeting fellow residents, creating new friendships and building a supportive international network within the field of neurology.*



**Thomas Gu**

*Attending physician at the local Stroke Unit in Umea  
Research in the field of carotid stenosis  
Former performer of sonothrombolysis with great interest in acute stroke management  
Co-founder and representant neurologist of the Heart-Brain-team in Northern Sweden*



**Diana Istratii**

*I'm a young neurologist from the Republic of Moldova.  
I started my career in neurology in the field of Cerebrovascular Diseases and Neurological Emergencies three years ago at the Institute of Emergency Medicine in Chisinau, after I finished my residency. It is the main medical institution in the country being trained in providing the first aid in the treatment of stroke patients. It is very important for me as a young specialist to accumulate as much knowledge and experience as possible in this domain. I like a lot to participate in the clinical conferences and meetings of the Society of Neurologists of the Republic of Moldova, but also in the numerous events with international participation. My hobbies are traveling, reading, sport and theatre.*







**Marta Jeremić**

*I am a neurology resident in the Neurology Clinic, Belgrade, Serbia. I was born in Belgrade and grew up in Germany, Austria and Serbia. I finished medical school in Belgrade in 2019. My fields of interest are cerebrovascular diseases, neurosonology and headaches. In my free time I enjoy traveling, reading and swimming as well as playing saxophone.*



**Meeriam Kadicheeni**

*I am currently working at the University Hospitals of Leicester as an Academic Clinical Fellow in the Cerebral Haemodynamics in Ageing and Stroke Medicine (CHiASM) group. My main research interests are in cerebral haemodynamics and spontaneous intracerebral haemorrhage. I am also interested in other areas of stroke medicine such as the impact of frailty and multimorbidity.*



**Anna Keramida**

*My name is Anna Keramida and I am a newly qualified consultant neurologist with interest in specializing in stroke neurology and epilepsy. I am currently working in the stroke unit of one of the biggest hospitals in Greece and I am gaining further experience in the field of research in stroke care.*



**Nino Khubulava**

*J.S.C. "K. Eristavi National Centre of Surgery"  
Neurologist*







**Silvia Kmetonyová**

*I am 30 years old. I work as a stroke neurologist in the Motol University Hospital in Prague, Czech Republic. I graduated from Charles University in 2017 and completed my neurology residency in 2022. Currently I am working on my Ph.D. dissertation regarding posterior circulation pathologies, with an emphasis on posterior circulation stroke.*



**Marina Martinez Sanchez**

*Doctor of Medicine (M.D) specialist in Neurology. Currently working as a medical/clinical assistant neurologist and research associate in the Vascular Cerebral Diseases Unit Section at Germans Trias i Pujol Hospital, Catalan Institute of Health. At the same time doing a predoctoral fellowship program in the Neurosciences Department focusing in clinical research in the Stroke Unit, at Germans Trias i Pujol Research Institute - IGTP (2022-present). Previously working as Medical Intern Residency in Neurology at Doctor Negrin University Hospital (2018-2022). Formative stay in The Royal Melbourne Hospital (2022). Graduated in Medicine at Pompeu Fabra University - Autonomous University of Barcelona, Hospital del Mar, Barcelona (2011-2017).*



**Luisine Martirosyan**

*General neurologist  
"Saint Gregory the Illuminator" Medical Center*

*Stroke team leader  
"Saint Gregory the Illuminator" MC*





**Marius Matusevicius**

*I'm a second year resident of Neurology at the Karolinska University Hospital in Stockholm, Sweden. I finished my medical studies and later PhD at the Karolinska Institute in Stockholm, Sweden. I'm currently active in Stroke research, focusing on how treatment effects for acute ischemic stroke may differ among subgroups of patients, and if blood pressure after treatment may affect a patient's outcome.*



**Tiago Oliveira**

*I am a third year Neurology Resident from Lisbon Central Hospital and would like to learn more about stroke so I can improve the care done in my hospital.*



**Blerta Qazimllari**

*General neurologist  
"Petro Nako" Saranda Hospital, Albania*







**Arbana Rexhepi**

*I am a fourth year neurology resident at the University Clinic of Neurology in Skopje. Since childhood, I used to spend my afternoons sitting in a corner of my garden and observing my family members, a bunch of anonymous people, each one armed and steeled with their own sorrow, grief, fears and desires. From my perspective, sorrow and grief are mulish; they approach sneakily but insist, and disappear just as gradually, but almost never fully, whereas fears and desires are fleeting and imaginary, they resemble breaking waves or the faint scent of a handkerchief dipped in lavender cologne, accidentally pulled from our grandmother's old drawer, instantaneously vanishing into thin air... After scrutinizing each and every member, I would pretend to examine them using my father's medical instruments and then prescribe them recipes. Everyone would get a different, unique recipe; the thing they were missing, longing, yearning... That was when I subconsciously decided that I wanted to study neurology, thinking that it might help me understand the only thing I was really interested in; human behavior and emotions.*



**Milovan Roganovic**

*I'm a Neurology Resident employed at the Clinic for Neurology, Clinical Centre of Montenegro, the biggest and the only tertiary health-care institution in Montenegro. I'm a PhD student (area of interest: neurobiochemistry) at the Faculty of Medicine, University of Montenegro. In previous period, I participated in several scientific-research projects, clinical studies and published more than 10 scientific papers in international journals.*



**Gabriela Schmitt Trevisan**

*I'm a Young neurologist from Brazil. Nowadays, she is a Fellowship on Neurovascular diseases on Hospital Municipal São José in the city of Joinville, located in the South part of Brazil.*





*Santo Stefano di Sessanio & Rocca Calascio*  
soft-trekking tour



**SOCIAL ACTIVITIES**





**Bernhard Matthias Siepen**

*In 2019 I completed my medical studies at the University of Regensburg, Germany. In my doctoral thesis, I focused on neuromonitoring using neurosonography and pupillometry in a weaning and early neurorehabilitation unit. Since March 2020 I am working as a resident in the Department of Neurology, Inselspital University Hospital Bern, Switzerland. Simultaneously, I am pursuing a PhD in Clinical Sciences at the Graduate School for Health Sciences (GHS), University Bern with the project "Deciphering outcomes in intracerebral haemorrhage associated with different types of oral anticoagulants". My main research focus is on the prognosis and treatment of oral anticoagulant associated nontraumatic intracerebral haemorrhage. I have a strong motivation to become an expert in the field of stroke research with clinical focus on neurovascular and neurocritical care medicine.*



**Wouter Sluis**

*I am a 3rd year resident in neurology at the university medical center utrecht and a phd student as well under supervision of bart van der worp. I aspire to be a vascular neurologist!*

*In my free time i ride my bicycle and love to listen and to play music!*



**Aakash Sreedharan**

*I am currently a clinical fellow in Stroke with a passion for the speciality and a goal to become an interventional neurologist. I love research and would like to run my own trials in the future. I am a lifelong student and excited to meet like-minded friends and colleagues.*





**Anna k. Szewczyk**

*I'm currently on 5th year of specialization training in the Department of Neurology of the Public University Hospital No. 4 in Lublin, Poland. In her research, she is interested in pain medicine, especially headaches and migraines and their vascular complications. Parallely, she is preparing her doctoral thesis concerning neuropathic pain at the Medical University of Lublin, Poland.*



**Hoa Truong Thi**

*After graduated from Hanoi Medical University, the dream of establishing qualified stroke units at the local hospitals so that patients can get timely access for treatment is my strongest motivation to specialize in stroke. Even facing challengings, I consider our current "young" stroke care has more room which needs an appropriate intervention for the future stroke care. Thank ESO Summer School for this opportunity, for me this helps me step closer to my goal.*



**Nikoloz Tsiskaridze**

*My name is Nikoloz Tsiskaridze. I was born on 06/03/1992 in Tbilisi, Georgia where I still reside. I graduated from Tbilisi State Medical University in 2016, after which I spent one year in Berlin, in Charite Hospital under Prof. Heinrich Audebert's guidance working on the Mobile Stroke Unit project. After finishing my fellowship, I returned to Tbilisi and completed my neurology residency at Pineo Medical Ecosystem Hospital and Ivane Javakhishvili Tbilisi State University, where I have been employed up to now. I have participated in several European Stroke Organisation conferences including ESOC 2017 in Prague, ESOC 2018 in Gothenburg, ESOC 2019 in Milan, ESOC 2022 in Lyon and ESOC 2023 in Munich.*







**Hector Eduardo Valdez Ruvalcaba**

*I am 33 years old and from Mexico.*

*I am an enthusiastic stroke neurologist who wants to learn and share the experience of first world countries.*

*I like to meet new people and strengthen friendships, I like to play sports, read and I am passionate about music.*



**Olha Yasnii**

*Education: 2014-2020 – Ternopil National Medical University named after Ivan Horbachevsky (during my studies participated in student organizations, was a member of the student scientific society, engaged in scientific activities, practiced in one of the clinics in Istanbul – BAU TIP university hospital); 2020-2022 – Ternopil National Medical University of Postgraduate Education named after Ivan Horbachevsky. Title MD (engaged in scientific work, scientific interest, take part in various professional conferences); 2022-..... - National Medical Academy of Postgraduate Education named after P.L. Shupik Department of anesthesiology and intensive care. PhD student (topic of scientific research: Assessment of the impact of comorbidity and cardio-metabolic disorders on the course of ischemic stroke in the acute period and the effectiveness of treatment).*



**CharlotteZuurbier**

*I obtained my master's degree in Medicine at the Academic Medical Center, University of Amsterdam. I started working as a neurology resident. In 2021 I finished PhD thesis on Intracranial aneurysms: family history and risk of rupture at the University Medical Center Utrecht. During her PhD program, I obtained a master's degree in Epidemiology. Currently, I'm working as a neurology resident in the Elisabeth-TweeSteden Hospital in Tilburg.*



**Simone Beretta**, Italy

**Anna Bersano**, Italy

**Sandra Bracco**, Italy

**Federico Bruno**, Italy

**Pietro Caliandro**, Italy

**Valeria Caso**, Italy

**MassimoCaulo**, Italy

**Hanne Christensen**, Denmark

**Jesse Dawson** , United Kingdom

**Susanna Diamanti**, Italy

**Martin Dichgans**, Germany

**Enrico Fainardi**, Italy

**Urs Fischer**, Switzerland

**Matteo Foschi**, Italy

**Peter Kelly**, Ireland

**Marco Longoni**, Italy

**Svetlana Lorenzano**, Italy

**MichelangeloMancuso**, Italy

**Giovanni Morone**, Italy

**Andrea Morotti**, Italy

**Ettore Nicolini**, Italy

**Raffaele Ornello**, Italy

**Maurizio Paciaroni**, Italy

**Leonardo Pantoni**, Italy

**Francesca Romana Pezzella**, Italy

**Alessandro Pezzini**, Italy

**Cristian Pristipino**, Italy

**Michele Romoli**, Italy

**Simona Sacco**, Italy

**Carlo Salvarani**, Italy

**Else CharlotteSandset**, Norway

**PaolaSantalucia**, Italy

**Danilo Toni**, Italy

**Georgios Tsivgoulis**, Greece

**GuillaumeTurc**, France

**Jan Van der Merwe**, Germany

**Silke Walter**, Germany

**Marialuisa Zedde**, Italy

**Andrea Zini**, Italy



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