



Preliminary Programm Overview 13 -15 April 2016



ESC 2016

25th EUROPEAN STROKE CONFERENCE

13-15 APRIL 2016

VENICE (ITALY)

www.eurostroke.eu

Designed and produced by Marion R. Hennerici, 10 Januar 2016

Webmaster of the European Stroke Conference

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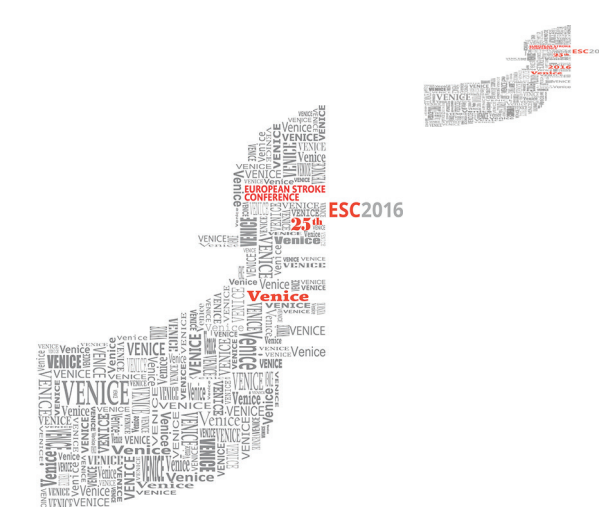
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25. European Stroke Conference

13-15 May 2016 in Venice, Italy

Preliminary Programm Overview



WEDNESDAY 13 APRIL 2016

Sala Del Cinema	Sala delle Feste	Sala Casinó	Sala Mangano	Sala Martinelli	Sala Welles	Sala Spielberg	Sala Bardot
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7:00 - 8:00 Registration

8:00 - 9:30 Symposium 1 Poststroke recovery p.3	8:00 - 9:30 Symposium 2 Vascular neurosurgery p.3
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9:30 - 10:00 Coffee Break

10:00 - 10:30
Opening
p.4

10:30 - 12:30
Symposium 3
ESC-ESC Joint Symposium
Acute ischemic stroke treat-
ment - thrombectomy
p.4

12:30 - 13:30
Lunch Symposium
Interventional cardiology
p.5

12:30 - 13:30 Lunch Break

13:30 - 15:00
Symposium 4
Cryptogenic stroke
p.5

13:30 - 15:00
Teaching Course 1
Posterior circulation
stroke
p.6

13:30 - 15:00
Highlights 1
p.6

13:30 - 15:00
Oral Poster Session
Rehabilitation and
reorganisation after
stroke: experimental
and clinical aspects
Part 1

15:00 - 16:30
Symposium 5
Multimodality imaging
p.7

15:00 - 16:30
Teaching Course 2
Intracranial arteriopa-
thies p.7

15:00 - 16:30
Symposium 6
Stroke & neurodegenera-
tion
p.8

15:00 - 16:30
Oral Session
Acute stroke: clinical pat-
terns and new concepts

15:00 - 16:30
Oral Session
Nursing and physiothe-
rapy in acute and chro-
nic stroke management

15:00 - 16:30
Oral Poster Session
Acute stroke: inter-
ventional acute treat-
ment

15:00 - 16:30
Oral Poster Session
Chronic stroke condi-
tions

Coffee Break

17:00 - 18:30
Symposium 7
Modern neuroimaging
p.8

17:00 - 18:30
Teaching Course 3
Stroke intensive care
p.9

17:00 - 18:30
Symposium 8
Cognitive impairment
p.9

17:00 - 18:30
Oral Session
Acute stroke: interventi-
onal acute treatment
Part 1

17:00 - 18:30
Oral Session
Rehabilitation and re-
organisation after stro-
ke: experimental and
clinical aspects Part 1

17:00 - 18:30
Oral Poster Session
Acute stroke: clini-
cal patterns and new
concepts

17:00 - 18:30
Oral Postel Session
Nursing and physiothe-
rapy in acute and chro-
nic stroke management

17:00 - 18:30
Oral Poster Session
Miscellaneous (e.g. eco-
nomics, metabolic disor-
ders, stroke and oncolo-
gy)

18:30 - 19:00
Invited Lecture
Venice and the arts
p.10

18:30 - 19:00 Networking



SYMPOSIUM 1

Room: Sala delle Feste

Wednesday, April 13

8:00 – 9:30

ESC-EFNR Joint Symposium

New vistas on neurorehabilitation after stroke

Chairpersons: V. Hömberg, Germany and D. Muresanu, Romania

Restoration versus compensation: when to switch

V. Hömberg, Germany

What is needed for impairment oriented neurorehabilitation?

V. Hömberg, Germany

From molecules over circuits to connectomes

D. Muresanu, Romania

SYMPOSIUM 2

Room: Sala Casino

Wednesday, April 13

8:00 – 9:30

Contemporary neurosurgical management of cerebrovascular pathologies

Chairpersons: JP Mohr, USA and N. Etminan, Germany

Contemporary management of cavernomas

U. Sure, Germany

Contemporary management of AVMs

I. Awad, USA

Contemporary management of aneurysms

N. Etminan, Germany

Contemporary management of parenchymatous hemorrhage

P. Stieg, USA



Opening of the 25th ESC

Room: Sala Del Cinema

Wednesday, April 13

10:00 – 10:30

Opening

Chairpersons: M.G. Hennerici, Germany and J.P. Mohr, USA

SYMPOSIUM 3

Room: Sala Del Cinema

Wednesday, April 13

10:30 – 12:30

ESC- ESC Joint Symposium

Update on the management of acute ischemic stroke patients - The future role of neurologists, neuroradiologists and cardiologists

Chairpersons: P. Lanzer, Germany and A. Schwartz, Germany

What is the impact of a stroke neurologist in the future management of acute ischemic stroke?

M.G. Hennerici, Germany

Update on endovascular treatment of acute ischemic stroke

S. Meckel, Germany

Transfer of interventional skills: real option or real error?

M. Haude, Germany

Could cardiologists treat stroke patients; and if yes, should they?

T. Lüscher, Switzerland

Towards stroke curriculum for interventionists

P. Lanzer, Germany

Round table discussion

Speakers and Chairpersons



LUNCH SYMPOSIUM

Room: Sala Del Cinema

Wednesday, April 13

12:30 – 13:30

The role of interventional cardiology in stroke prevention

Chairperson: P. Lanzer, Germany

Overcoming your treatment inertia: moving to device over drug for stroke prevention in atrial fibrillation

W. Gray, USA

The rebirth of PFO closure?

M. Vavouranakis, Greece

SYMPOSIUM 4

Room: Sala Del Cinema

Wednesday, April 13

13:30 – 15:00

Atrial cardiopathies as a cause of cryptogenic stroke: beyond atrial fibrillation

Chairpersons: M. Elkind, USA and H. Kamel, USA

Cardiac monitoring for the detection of atrial fibrillation in patients with unexplained stroke

R. Veltkamp, United Kingdom

Serum and structural biomarkers of atrial dysfunction and stroke risk

M. Katan, Switzerland

Electrophysiologic measures of atrial dysfunction and stroke risk

H. Kamel, USA

Therapeutic implications of the concept of atrial cardiopathy

M. Elkind, USA



TEACHING COURSE 1

Room: Sala delle feste
Wednesday, April 13
13:30 – 15:00

Posterior circulation stroke

Chairpersons: J.S.Kim, South Korea and R. Kern, Germany

Brainstem stroke patterns – an update

J. S. Kim, South Korea

Oculomotor presentations of brainstem ischemia

D. Kömpf, Germany

Imaging posterior circulation strokes

R. Kern, Germany

Treatment concepts of basilar artery occlusion

K. Szabo, Germany

HIGHLIGHTS SESSION 1

Room: Sala Casino
Wednesday, April 13
13:30 – 15:00

Chairperson: M. G. Hennerici



SYMPOSIUM 5

Room: Sala Del Cinema

Wednesday, April 13

15:00 – 16:30

Multimodality imaging in the angiography suite: no more delays!

Chairpersons: C. Strother, USA and JP Mohr, USA

Technology enabling multimodality imaging in the angiography suite

G. Chen, USA

Rationale and feasibility of multimodality imaging in the angiography Suite. How this adds value.

A. Dörfler, Germany

The Erlangen experience with multimodality imaging in the angiography suite.

T. Struffert, Germany

Capabilities of multi-modality imaging using cone-beam CT.

P. Yang, China

TEACHING COURSE 2

Room: Sala delle Feste

Wednesday, April 13

15:00 – 16:30

Management of intracranial arteriopathies

Chairspersons: A. Schwartz, Germany and Y. Shinohara, Japan

Moyamoya

S. Okazaki, Japan

Intracranial atherosclerosis

J.S. Kim, South Korea

Dilatative arteriopathy

A. Schwartz, Germany

Ruptured aneurysms

N. Etminan, Germany



SYMPOSIUM 6

**Room: Sala Casino
Wednesday, April 13
15:00 – 16:30**

ESC-NEUROREPAIR 2016 Joint Symposium

Towards a new understanding of the link between neurodegeneration and vascular disease

Chairpersons: S. Meairs, Germany and J. Boltze, Germany

**Common mechanisms in Alzheimer's and cerebrovascular diseases
K. Horsburgh, United Kingdom**

**Unexpected interactions between stem cell and pharmaceutical therapies of stroke
J. Boltze, Germany**

**Cerebrovascular disease and cognitive failure
E. Hamel, Canada**

**Hypertension management: an update 2016
A. Zanchetti, Italy**

SYMPOSIUM 7

**Room: Sala Del Cinema
Wednesday, April 13
17:00 – 18:30**

Modern neuroimaging

Chairpersons: A. Schwartz, Germany and A. Harloff, Germany

**4D-CTA in neurovascular disease
A. Meijer, The Netherlands**

**4D flow MRI – assessment of cervical and cerebrovascular hemodynamics
M. Markl, USA**

**Handling of MRI raw data – how can we obtain clinical information quickly?
A. Hennemuth, Germany**

**Venous cerebral blood flow –analysis by 4D MRI
A. Harloff, Germany**

**Perspectives for the future- where will we go?
M. Markl, USA**



TEACHING COURSE 3

Sala delle feste

Wednesday, April 13

17:00 – 18:30

Stroke and Neuro-ICU care

Chairpersons: P. N. Varelas, USA and M. T. Torbey, USA

Ischemic stroke and neuro-ICU care

M. T. Torbey, USA

Intracerebral hemorrhage and Neuro-ICU care

P. N. Varelas, USA

Subarachnoid hemorrhage and Neuro-ICU care

J. Claassen, USA

SYMPOSIUM 8

Room: Sala Casino

Wednesday, April 13

17:00 – 18:30

Cognitive impairment after ischemic stroke

Chairpersons: W.D. Heiss, Germany and A. B. Guekht, Russian Federation

Cognitive impairment and chronic cerebral hypoperfusion.

R. Schmidt, Austria

Ischemic brain infarcts, white matter lesions, and atrophy relevant for poststroke dementia

S. Melkas, Finland

Clinical determinants of poststroke cognitive impairment

V. Mok, Hong Kong

Imaging pathophysiologic changes in post-stroke dementia

W-D. Heiss, Germany and A. Thiel, Canada

Therapeutic interventions for prevention of post-stroke dementia

A.B. Guekht, Russian Federation



INVITED LECTURE

Room: Sala Del Cinema

Wednesday, April 13

18:30-19:00

Venice and the arts

Chairpersons: M.G. Hennerici Germany and K. Spengos, Greece

Venice and the arts

J. Rosand, USA



THURSDAY 14 APRIL 2016

Sala Perla	Sala delle Feste	Sala Casinó	Sala Mangano	Sala Martinelli	Sala Welles	Sala Spielberg	Sala Bardot	Sala Pfeifer
	8:00 - 9:00 Stroke News 1 New concepts in stroke science p.12	8:00 - 9:00 Stroke News 2 Palliative stroke care p.12						
9:00 - 10:30 Experts' Roundtable Carotid disease update p.13	9:00 - 10:30 Teaching course 4 ICH update p.13	9:00 - 10:30 Symposium 9 CAA mechanisms and patterns p.14	9:00 - 10:30 Oral Session Epidemiology of stroke and stroke treatment	9:00 - 10:30 Oral Session Rehabilitation and reorganisation after stroke: experimental and clinical aspects Part 2	9:00 - 10:30 Oral Poster Session Meta-analysis and RCT's		9:00 - 10:30 Oral Poster Session Intracerebral/subarachnoid haemorrhage and venous disease	9:00 - 10:30 Oral Poster Session Interesting and challenging cases Part 1
10:30 - 11:00 Coffee Break								
11:00 - 12:00 Plenary Lecture Cellular inflammation and SVD p.14	11:00 - 12:30 Teaching course 5 Stroke rehabilitation p.15	11:00 - 12:30 Symposium 10 Human connectome & recovery p.15	11:00 - 12:30 Oral Session Acute stroke: interventional acute treatment Part 2	11:00 - 12:30 Oral Session Heart & brain / Intracerebral/subarachnoid haemorrhage and venous diseases	11:00 - 12:30 Oral Poster Session Rehabilitation and reorganisation after stroke: experimental and clinical aspects Part 2	11:00 - 12:30 Oral Poster Session Etiology of stroke and risk factors		11:00 - 12:30 Oral Poster Session Interesting and challenging cases Part 2
12:30 - 13:30 Lunch Break								
13:30 - 15:00 Lunch Symposium	13:30 - 15:00 Teaching Course 6 Microcirculation p.16	13:30 - 15:00 Highlights 2 p.17	13:30 - 15:00 Oral Session Acute stroke: pre-hospital management, stroke units, global aspects	13:30 - 15:00 Oral Session Small vessel stroke and white matter disease/ Stroke prognosis and prevention including best medical treatment and personalized medicine	13:30 - 15:00 Oral Poster Session Experimental and translational stroke research including genetics	13:30 - 15:00 Oral Poster Session Epidemiology of stroke and stroke treatment		
15:00 - 16:30 Symposium 11 Stroke & seizures p.17	15:00 - 16:30 Teaching Course 7 Neuropsychological and mood disorders after stroke p.18	15:00 - 16:30 Symposium 12 Prehospital stroke care p.18	15:00 - 16:30 Oral Session Etiology of stroke and risk factors	15:00 - 16:30 Oral Session Vascular and brain imaging		15:00 - 16:30 Oral Poster Session Heart & Brain	15:00 - 16:30 Oral Poster Session Vascular surgery and neurosurgery/Neuropsychology and -psychiatry after stroke	15:00 - 16:30 Oral Poster Session Stroke prognosis and prevention including best medical treatment and personalized medicine Part1
16:30 - 17:00 Coffee Break								
17:00 - 18:30 Symposium 13 ESC-EHF: stroke & headache p.19	17:00 - 18:30 Teaching Course 8 Neuroradiology quiz p.19	17:00 - 18:30 Symposium 14 Perspectives of clinical trials p.20	17:00 - 18:30 Oral Session Experimental and translational stroke research including genetics	17:00 - 18:30 Oral Session Vascular surgery and neurosurgery	17:00 - 18:30 Oral Poster Session Vascular and brain imaging	17:00 - 18:30 Oral Poster Session Acute stroke: pre-hospital management, stroke units, global aspects	17:00 - 18:30 Oral Poster Session Small vessel stroke and white matter disease/ Stroke and the arts	17:00 - 18:30 Oral Poster Session Stroke prognosis and prevention including best medical treatment and personalized medicine Part 2



STROKE NEWS 1

Room: Sala delle feste

Thursday, April 14

8:00 – 9:00

New concepts in stroke science

Chairperson: J. C. Baron, France

The molecular mechanisms of small vessel disease : the example of CADASIL

A. Joutel, France

Disconnection and diaschisis: clinical implications

E. Carrera, Switzerland

STROKE NEWS 2

Room: Sala Casino

Thursday, April 14

8:00 – 9:00

Palliative aspects in stroke care

Chairperson: K. Szabo, Germany

End-of-life care in stroke units

C. Gardiner, United Kingdom

Advance directives in acute stroke

A. Alonso, Germany

EXPERTS' ROUNDTABLE

Room: Sala Perla
Thursday, April 14
9:00 – 10:30

Update on carotid disease

Chairpersons: P.-J. Touboul, France and M. Roffi, Switzerland

Ultrasound plaque analysis: contribution of image analysis
P.J. Touboul, France

CEA – Surgery and best medical treatment
A. Halliday, United Kingdom

CAS – State of the art
M. Roffi, Switzerland

CAS specific indications : ICA dissection and diaphragm
E. Houdart, France

CAS by non-neurointerventionalists can provide many of the requisite cognitive assets to allow alternate specialties to contribute to acute stroke manpower needs
W. A. Gray, USA

TEACHING COURSE 4

Room: Sala delle feste
Thursday, April 14
9:00 – 10:30

Update on ICH management

Chairpersons: JP Mohr, USA and I. Awad, USA

Cerebral cavernous malformations: from clinical riddle to mechanistic therapies.
I. Awad, USA

AVMs
JP Mohr, USA

Surgical management of primary ICH
V. Rhode, Germany

Management of NOAC associated bleedings
T. Rizos, Germany



SYMPOSIUM 9

Room: Sala Casino

Thursday, April 14

9:00 – 10:30

Cerebral Amyloid Angiopathy (CAA): mechanisms, features and clinical relevance

Chairman: J.-C. Baron, France

Sporadic CAA: pathophysiology and main clinical and radiological features

R.N. Kalaria, United Kingdom

Lobar microbleeds: clinical implications for ischemic and hemorrhagic stroke

R. Veltkamp, United Kingdom

Dilated peri-vascular spaces and CAA

A. Charidimou, USA

Amyloid PET imaging in CAA

J.-C. Baron, France

PLENARY LECTURE

Room: Sala Perla

Thursday, April 14

11:00 – 12:00

Plenary Lecture

Chairpersons: M.G. Hennerici, Germany and P.-J. Touboul, France

Relationships between cellular inflammation and the microvasculature

G. del Zoppo, USA



TEACHING COURSE 5

Room: Sala delle feste

Thursday, April 14

11:00 – 12:30

Stroke rehabilitation

Chairperson: L.Cohen, USA

Rehabilitation of language after stroke

F. Pulvermüller, Germany

Non invasive brain stimulation techniques

L. Cohen USA

Neglect: mechanisms, diagnostics and therapeutics

S. Clarke, Switzerland

Mechanisms of stroke recovery and restorative stroke therapeutics

N. Ward, United Kingdom

SYMPOSIUM 10

Room: Sala Casino

Thursday, April 14

11:00 – 12:30

The human connectome and post-stroke recovery

Chairpersons: A. Thiel, Canada and K. McAleese, United Kingdom

Structural and resting-state brain connectivity of motor networks after stroke

A. Thiel, Canada

The neuropathology of connectome disruption: lessons from post-mortem MRI

K. McAleese, United Kingdom

Lesion-Symptom mapping of connectome disruption in post-stroke aphasia

A. Stockert, Germany

Exploring the connectome without diffusion tensor imaging: from research to clinical application in stroke

A. Kuceyeski, USA



LUNCH SYMPOSIUM

Sala Perla – Room 2

Thursday, April 14

13:30 – 15:00

TEACHING COURSE 6

Room: Sala delle feste

Thursday, April 14

13:30 – 15:00

Microcirculation

Chairpersons: I. Lestro Henriques, Portugal and L. Ostergaard, Denmark

Microcirculation biomarkers

L. Ostergaard, Denmark

MRI heterogeneity inside ischemic lesion

I. Lestro Henriques, Portugal

Susceptibility genes to ischemic injury

J. Rosand, USA

Therapies targeted towards the microcirculation

T. Dalkara, Turkey



HIGHLIGHTS SESSION 2

Room: Sala Casino

Thursday, April 14

13:30 – 15:00

HIGHLIGHTS 2

Chairperson: JP Mohr, USA

SYMPOSIUM 11

Room: Sala Perla

Thursday, April 14

15:00 – 16:30

Stroke and seizures

Chairpersons: P.N. Varelas, , USA and J. Claassen, USA

Ischemic stroke and seizures: how common?

P. N. Varelas, USA

Pathophysiologic lessons from multimodality monitoring in patients with seizures following hemorrhagic stroke.

J. Claassen, USA

Electric phenomena after stroke: is it only seizures? The role of spreading neocortical depolarizations

J. P. Dreier, Germany

Is aphasia due to the infarct or due to an epileptic phenomenon?

A. Chatzikonstantinou, Germany



TEACHING COURSE 7

Room: Sala delle feste

Thursday, April 14

15:00 – 16:30

Neuropsychological and mood disorders in stroke

Chairpersons: K. Szabo, Germany and W.K. Tang, Hong Kong

Post-stroke language disorders

R. Herbert, United Kingdom

Right hemisphere syndromes in acute stroke

P. Krolak-Salmon, France

Vascular factors in post-stroke depression

W.K. Tang, Hong Kong

Post-stroke cognitive disorders

M. Griebe, Germany

SYMPOSIUM 12

Room: Sala Casino

Thursday, April 14

15:00 – 16:30

The prehospital stroke rescue chain: how can we improve it?

Chairpersons: K. Fassbender, Germany and S. Levine, USA

Why do stroke patients seek help too late? Do educational campaigns help?

S. Levine, USA

How to recognize stroke: stroke scales and training

A. Ragoschke-Schumm, Germany

Prenotification: the key to accelerating in-hospital stroke management

T. Lindner, Norway

The hospital comes to the patient: pros and cons of mobile stroke units

S. Hussain, USA



SYMPOSIUM 13

Room: Sala Perla

Thursday, April 14

17:00 – 18:30

ESC-EHF (European Headache Federation) Joint Symposium

The cerebrovascular component of migraine

Chairpersons: D.D. Mitsikostas, Greece and P. Martelletti, Italy

Advances in understanding the pathophysiology of migraine

P.J. Goadsby, United Kingdom

PFO and migraine

J. Bogousslavsky, Switzerland and B. Piechowski-Jozwiak, Poland

Is migraine a progressive condition with brain vascular damage?

A. May, Germany

Migrainous stroke

M. Ashina, Denmark

TEACHING COURSE 8

Room: Sala delle feste

Thursday, April 14

17:00 – 18:30

Neuroimaging in the acute ischemic stroke patient – Quiz of challenging CT/MRI findings - Overview and examples discussed with the audience

Chairpersons: A. Schwartz, Germany and A. Harloff, Germany

Advantages and pitfalls of CT/CTA imaging

A. Harloff, Germany

Advantages and pitfalls of MR/MRA imaging

A. Schwartz, Germany

SYMPOSIUM 14

Room: Sala Casino

Thursday, April 14

17:00 – 18:30

Cerebrovascular Diseases - ESRF Joint Symposium

New requirements for clinical trials in Europe

Chairpersons: G. Fortwengel, Germany and H. von der Leyen, Germany

Requirements for clinical trials in Europe get global a crucial step to a better future?

G. Fortwengel, Germany

History, development and essential changes for clinical trials in Europe

H. von der Leyen, Germany

EU 536/14 – what remains to be regulated on a national level

U. Wittkop, Germany

Implications for investigators in IITs

A. Grund, Germany





FRIDAY 15 APRIL 2016

Sala Perla	Sala delle Feste	Sala Casinó	Sala Mangano
8:00 - 9:00 Theoretical Seminar Implications and pitfalls of RCTs p.22	8:00 - 9:00 Stroke News 3 Leukocytes & inflammation p.22	8:00 - 9:00 Stroke News 4 Brain recovery p.23	
9:00 - 10:30 Clinical Seminar Functional stroke mimics p.23	9:00 - 10:30 Symposium 15 Watching the risk - IMT and US p.24	9:00 - 10:30 Highlights 3 p.24	9:00 - 10:30 Symposium 16 Complementary and alternative treatments p.25
10:30 - 11:00 Coffee Break			
11:00 - 12:00 Plenary Lecture p.25			
12:00 - 12:30 Awards p.26			



THEORETICAL SEMINAR

Room: Sala Perla

Friday, April 15

8:00 – 9:00

Outcomes following thrombolysis in acute stroke are underestimated by standard clinical scoring tools

Chairperson: N. Futrell, USA

Clinical scales used in stroke trials: problems with validity of pretreatment stroke scales to outcome scales

N. Futrell, USA

Statistical approaches to clinical trials in stroke: strengths and weaknesses

S. Hendrix, USA

STROKE NEWS 3

Room: Sala delle Feste

Friday, April 15

8:00 – 9:00

PMN leukocytes and cerebral injury development

Chairperson: G. del Zoppo, USA

Roles that PMN leukocytes play in tissue injury following intracerebral hemorrhage

J. Aronowski, USA

Innate inflammation during focal cerebral ischemia

J. Anrather, USA

STROKE NEWS 4

Room: Sala Casino

Friday, April 15

8:00 – 9:00

Brain recovery: predictors and innovative therapy approaches

Chairperson: V. Hömberg, Germany

Bdnf polymorphism and rTMS effects on motor recovery

L. Cohen, USA

Neurological music therapy affecting restoration and compensation

M. Thaut, USA

CLINICAL SEMINAR

Room: Sala Perla

Friday, April 15

9:00 – 10:30

Functional stroke mimics

Chairpersons: J.Bogousslavsky, Switzerland and M.G.Hennerici, Germany

Brief historical perspective

J.Bogousslavsky, Switzerland

Examination of functional hemiplegia and other syndromes

Th. Moulin, France and E. Medeiros de Bustos, France

Neuropsychiatry of “conversion”

B. Piechowski-Jozwiak, Poland

Pathophysiological update using fMRI

S. Aybeck, Switzerland



SYMPOSIUM 15

Room: Sala delle feste

Friday, April 15

9:00 – 10:30

“Watching the risk symposium 2016“:

Intima media thickness and carotid plaque in primary prevention

Chairpersons: P.-J. Touboul, France and M. G. Hennerici, Germany

Plaque upper limit cut off to characterize carotid disease: do we need it?

T. Rundek, USA

CAC score and carotid total plaque area: personalized medicine to predict CVD

D. Baldassarre, Italy

Plaque vascularization, a risk factor for rupture?

PJ. Touboul, France

What should be the asymptomatic patient report according to examination findings

S. Cohen, France

HIGHLIGHTS SESSION

Room: Sala Casino

Friday, April 14

9:00 – 10:30

HIGHLIGHTS 3

Chairperson: P.-J. Touboul, France



SYMPOSIUM 16

Room: Sala Welles

Friday, April 15

9:00 – 10:30

Complementary and alternative treatments for stroke

Chairperson: N. Venketasubramanian, Singapore

Acupuncture, moxibustion, cupping

B. Wu , China

Herbs, ayurveda, massage

N. Venketasubramanian, Singapore

PLENARY LECTURE

Room: Sala Perla

Friday, April 15

11:00 – 12:00

From preclinical research to translation: stem cell therapy of stroke

G. Steinberg, USA

Chairpersons: S. Meairs, Germany and JP Mohr, USA



AWARDS

AWARD PRESENTATIONS

Room: Sala Perla

Friday, April 15

12:00-12:30

Chairpersons:

M.G. Hennerici, M.R.Hennerici, Germany and H.P. Lindenmann, Switzerland