

# Asia Pacific Stroke Conference 2023

## FULL PROGRAMME RUNDOWN

### Day 1

08:00 – 08:30

Registration

08:30 – 10:30

#### Grand Hall (Room 1)

Session 1: Thrombectomy Workshop: APSC-SVIN Joint Seminar - Mission Thrombectomy

Chairpersons: Bernard Yan, Thomas Leung

Topics:

- 1) Do we offer thrombectomy to all large vessel strokes with a femoral or radial pulse? (Bernard Yan)
- 2) Intracranial atherosclerotic disease (ICAD) (Leonard Yeo)
- 3) Increasing number of thrombectomy in China (Xiaochuan Huo)
- 4) Mission thrombectomy: optimizing the thrombectomy systems of care for maximum access (Dileep Yavagal)

#### CKK (Room 2)

Session 2: VasCog Asia 12 Workshop

Chairpersons: Jose Navarro, Jie Yang, Chaur-Jong Hu, Tsong-Hai Lee, Vincent Mok, Koji Abe, Man Mohan Mehndiratta

Topics:

- 1) Novel diagnosis methods for dementia (Toru Yamashita)
- 2) Hypertriglyceridemia and elevated ratio of triglycerides to high density lipoprotein (TG/HDL) associated with cognitive impairment in T2DM patients (Paulus Anam Ong)
- 3) A 2.5-year cognitive trajectory among older survivors of COVID-19 (Yan-Jiang Wang)
- 4) Advances in treatment of cerebral small vessel disease (Bonaventure Ip)
- 5) The association between leukoaraiosis and cognitive function in vascular cognitive impairment (Amelia Nur Vidyanti)

#### CH05 (Room3)

Session 3: Neurosonology Workshop

Chairpersons: Jesada Keandoungchan, Arvind Sharma

Topics:

- 1) Carotid and vertebral artery ultrasound (Yohanna Kusuma)
- 2) Transcranial colour doppler (TCCD) made easy (Moamina Ismail)
- 3) Rational use of TCD in stroke management (Jesada Keandoungchan)
- 4) Role of TCD in PFO, emboli monitoring & sickle cell disease (Arvind Sharma)

10:30 – 11:00

Coffee Break

11:00 – 12:30

#### Grand Hall (Room 1)

Session 4: Presidential Plenary Session

Chairpersons: Kay Sin Tan, Wing-Chi Fong

Topics:

- 1) The experience of stroke registry in Korea (Byung-Woo Yoon)
- 2) Stroke thrombectomy service in low-income countries (Sheila Martins)
- 3) Advancing stroke care in times of change (Richard Li)

12:30 – 13:30

#### Grand Hall (Room 1)

Session 5: The Hong Kong Stroke Society Lunch Symposium

Chairpersons: Richard Li

Topics:

- 1) Neuroprotection in the reperfusion era (Marc Fisher)

13:30 – 15:00

#### Grand Hall (Room 1)

Session 6: Advances in MT (Medtronic)

Chairpersons: Shinichi Yoshimura, Samuel Lam

Topics:

- 1) Distal thrombectomy - the next FRONTIER in neurointervention (Bernard Yan)
- 2) MT in patients with large-core infarct – insight from ANGEL-ASPECT study (Zhongrong Miao)
- 3) Mechanical thrombectomy in posterior circulation (Xinfeng Liu)

#### CKK (Room 2)

Session 7: Small Vessel Disease

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## FULL PROGRAMME RUNDOWN

Chairpersons: Deidre Anne De Silva, Hsin-Hsi Tsai

Topics:

- 1) Cerebral amyloid angiopathy and hypertensive small vessel disease (Hsin-Hsi Tsai)
- 2) Study on early diagnosis and intervention of white matter hyperintensity related cognitive impairment (Meijuan Zhang)
- 3) CADASIL, the leading genetic cause of small vessel disease (Masafumi Ihara)
- 4) Small vessel disease - what's the big deal? (Deidre Anne De Silva)

### CH05 (Room3)

Session 8: CAIS: Cancer Associated Ischaemic Stroke

Chairpersons: Nguyen Huy Thang, Siu-Hung Li

Topics:

- 1) CAIS: unique pathomechanism (Jong-Won Chung)
- 2) Malignancy and ESUS (Hiroyuki Kawano)
- 3) Focusing: anticoagulants for cancer-associated stroke (Jin-Yi Hsu)

### CH06 (Room4)

FP 1: Free Paper Presentation 1

Chairpersons: Christopher Chen, Kay-Cheong Teo

Topics:

- 1) Microglia polarization and inflammatory response modulation in recurrent intracerebral hemorrhage: insights from a mouse model study (Shin Shin Lee)
- 2) Effect of ultrashortwave therapy on HSP-70 expression and neuronal injury after cerebral ischemia-reperfusion in rats (Jing Yin)
- 3) Fibrinogenase for injection in the treatment of acute ischemic stroke - a randomized double-blind placebo-controlled study (Mengmeng Ma)
- 4) Memantine attenuates brain injury after subarachnoid hemorrhage by inhibiting NMDA receptor-mediated calcium overload (Jie Wang)
- 5) Effect of TDP43-CTFs35 on brain endothelial cell functions in cerebral ischemic injury (Xu Xiaotian)
- 6) NLRC5 mediates microglial autophagy to regulate post-stroke neuroinflammation and its mechanisms study (Siyi Xu)
- 7) Acute ischemia induces spatially and transcriptionally distinct microglial subclusters (Huiya Li)
- 8) Microglial Axl promoted ischemic white matter recovery through clearing myelin debris after stroke (Junqiu Jia)
- 9) Protein lactylation regulation in ischemic stroke: role of MeCP2 lactylation in repressing apoptosis-associated gene transcription (Min Sun)
- 10) Hydrogen plays a neuroprotective role by inhibiting the neuroinflammation after subarachnoid hemorrhage (Zong Zhuang)

15:00 – 15:30

Coffee Break + Poster Tour 1 (CKK Pre-function Area)

15:30 – 17:00

### Grand Hall (Room 1)

Session 9: Heart & Brain

Chairpersons: Andrew Wong, Yanhong Dong

Topics:

- 1) Ischemic stroke during DOAC use (Bonaventure Ip)
- 2) Up-to-date management of PFO in patients with ischemic stroke (Luciano Sposato)
- 3) Left atrial myopathy (Andrew Wong)
- 4) Heart-brain connection and neurocognition (Yanhong Dong)

### CKK (Room 2)

Session 10: Extracranial Large Artery Disease

Chairpersons: Jose Navarro, Thomas Leung

Topics:

- 1) Stenting vs endarterectomy for carotid stenosis (Richard Li)
- 2) Cervical artery dissection (Yuhua Fan)
- 3) Post-irradiation carotid stenosis (Thomas Leung)

### CH05 (Room3)

FP 2: Free Paper Presentation 2

Chairpersons: Zhe Kang Law, Jerome Wu

Topics:

- 1) Hyperuricemia and the risk of stroke incidence and mortality: a systematic review and meta-analysis (Haiyan Jiang)
- 2) Associations between need satisfaction, motivation, and social participation among stroke survivors based on the self-determination theory: a structural equation modelling analysis (Huijing Zhang)

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- 3) COVID-19 and stroke in the Philippines: a retrospective study (Gabriel Alejandro Baroque)
- 4) Burden of stroke and its attributable risk factors in high income Asia Pacific countries from 1990-2019: a benchmarking analysis (Hardik Dineshbhai Desai)
- 5) Burden of stroke and its attributable risk factors in the World Health Organization South East Asia region from 1990-2019: a benchmarking and comparative analysis (Hardik Dineshbhai Desai)
- 6) Risk of traumatic intracranial hemorrhage among patients after a new stroke: a nationwide population-based cohort study in Taiwan (Wendy Yun-Ting Fang)
- 7) Burden of stroke attributable to high systolic blood pressure in South Asia region from 1990-2019, and projections of deaths to 2040: a benchmarking systematic analysis for the Global Burden of Disease Study 2019 (Hardik Dineshbhai Desai)
- 8) Development of a prediction model for enteral nutrition feeding intolerance in stroke patients based on the XGBoost algorithm (Hui Yang)
- 9) Factor Associated with Stroke Prevalence in Indonesia: 2018 Basic Health Research (Alya Nur Fadhillah)
- 10) Predictors of unfavorable outcomes of ischemic stroke due to non-valvular atrial fibrillation at King Chulalongkorn Memorial Hospital (Pakkawan Vongvasinkul)

#### CH06 (Room4)

FP 3: Free Paper Presentation 3

Chairpersons: Jie Yang, Man-Sum Chi

Topics:

- 1) Severity of cerebral small vessel disease associated with leptomeningeal collateral status in symptomatic intracranial atherosclerotic stenosis (Yuying Liu)
- 2) High regional wall shear stress and leptomeningeal collateral status in symptomatic intracranial atherosclerotic stenosis (Shuan Li)
- 3) Predicting stroke and myocardial infarction risk in Takayasu Arteritis with automated machine learning-based models (Yi-Ting Lu)
- 4) Associations of vessel and lesion geometry with wall shear stress in intracranial atherosclerotic stenosis (Lumina Li)
- 5) Genetic underpinning of intracranial atherosclerotic disease: a meta-analysis and enrichment analysis (Natasha Yixuan Ong)
- 6) Intracranial atherosclerosis defined by high-resolution vessel wall imaging is correlated with cerebral small vessel disease: a community-based cohort study (Heng Du)
- 7) Recurrent risk of ischemic stroke due to intracranial arterial dolichoectasia (Zhaoyao Chen)
- 8) Efficacy and safety of extracranial-intracranial bypass surgery for the treatment of symptomatic artery occlusion: a systematic review and meta-analysis (Jin Hean Koh)
- 9) Associating intracranial atherosclerosis with white matter disease in middle-aged and older community-dwelling adults (Yangyang Cheng)
- 10) Venous bleeding in PMSAH may be responsible for the better prognosis (Qi Zhu)

17:00 – 17:15

Break Time before Opening Ceremony

17:15 – 18:00

Grand Hall (Room 1)

Session 12: Opening Ceremony

18:00 – 19:00

Welcome Reception (Room 1 + Exhibition Area)

19:30 – 21:00

Faculty Dinner (Double Haven I, 4/F, HKJC, Shatin Clubhouse)

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## FULL PROGRAMME RUNDOWN

### Day 2

08:00 – 08:30

Registration

08:30 – 10:00

#### Grand Hall (Room 1)

Session 13: Stroke: Asia-Pacific Perspectives

Chairpersons: Hee-Joon Bae, Tak-Hong Tsoi

Topics:

- 1) Emerging risk factors in Asia-Pacific region (N. V. Ramani)
- 2) Experience in stroke advocacy in Asia-Pacific region (Mohammad Wasay)
- 3) Biologic mechanism of sex difference in stroke manifestation and outcomes (Don-Eog Kim)

#### CKK (Room 2)

Session 14: Stroke Genetics Workshop

Chairpersons: Gamini Pathirana, Gene Gao

Topics:

- 1) Mendelian randomization (Keon-Joo Lee)
- 2) HTRA1-associated cerebral small vessel disease (Osamu Onodera)
- 3) Innovation in genetic testing (Gene Gao)

#### CH05 (Room3)

Session 15: Asia-Pacific Stroke Nursing Workshop

Chairpersons: Edward Shum, Mick Yu

Topics:

- 1) New era of stroke nursing practice in Hong Kong (Mick Yu)
- 2) Nurse-led psychological intervention for stroke family caregivers (Jay Jung Jae Lee)
- 3) Robots for evaluation of stroke patients at home (Supparat Charnwut)
- 4) The modern role of the stroke nurse (Skye Coote)

#### CH06 (Room4)

NSRG Examination

10:00 – 10:30

Coffee Break + Poster Tour 2 (CKK Pre-function Area)

10:30 – 12:00

#### Grand Hall (Room 1)

Session 16: APSO - WSO Session

Chairpersons: Byung-Woo Yoon, Sheila Martins

Topics:

- 1) Blood pressure control after mechanical thrombectomy – what we have learnt from ENCHANTED2/MT study (Craig Anderson)
- 2) Stroke in Asia (Kay Sin Tan)
- 3) Stroke systems of care in Asia: overcoming disparity (Jeyaraj Pandian)

#### CKK (Room 2)

Session 17: Post-stroke Complication Management (Eisai)

Chairpersons: Phyu Phyu Lay, Alexander Lau

Topics:

- 1) The burden of post-stroke epilepsy in stroke survivors (Tomotaka Tanaka)
- 2) Can cell therapy mitigate post stroke complications? An evidence based approach (Pallab Bhattacharya)
- 3) Post-stroke vascular cognitive impairment (Lawrence Wong)

#### CH05 (Room3)

FP 4: Free Paper Presentation 4

Chairpersons: Teruyuki Hirano, Wai-Man Lui

Topics:

- 1) Larger deep white matter hyperintensity volume correlates with more severe social behavioral changes in patients with subacute ischemic stroke (Mingzi Wang)
- 2) Is atrial fibrillation associated with higher first pass effect following thrombectomy for large vessel occlusion? DIRECT-SAFE secondary analysis (Presaad Pillai)
- 3) Revascularization strategies in intracranial atherosclerosis-related occlusions and cerebral blood volume (CBV) index as a novel predictive parameter on CT perfusion scan (Christopher Sum)
- 4) Effect of time window on endovascular thrombectomy with or without intravenous thrombolysis in acute ischemic stroke: results from DIRECT-MT (Qiwen Deng)

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- 5) Return to work after acute ischemic stroke: an observational cohort study from Asia (Xin Yuan Lim)
- 6) Clinical outcome of mechanical thrombectomy in elderly patients with acute ischemic stroke: a case series of 16 patients in a local center in Hong Kong (Man-Sin Wong)
- 7) Effect of MR-guided perfusion imaging mismatch profiles within 6 hours on endovascular thrombectomy outcomes (Xiaohui Li)
- 8) Validation of digital camera-based human activity evaluation for upper limb exercises using consumer-grade devices and development of a two-way therapist-guided, automated telerehabilitation framework and platform (Elton Hau Lam Yeung)
- 9) Efficacy and safety of endovascular therapy in acute ischemic stroke with large infarction by the collateral status - a secondary analysis of the ANGEL-ASPECT trial (Lina Zheng)
- 10) Access and challenges of mechanical thrombectomy for acute ischemic stroke training program in Asia (Wan Asyraf Wan Zaidi)

### CH06 (Room4)

NSRG Examination

12:00 – 13:00

### Grand Hall (Room 1)

Session 19: Lunch Symposium (Boehringer Ingelheim)

Chairpersons: Derek Wong, Stephen Cheng

Topics:

- 1) DOAC - reversal agent & management of bleeding (Thorsten Steiner)
- 2) Use of NOAC reversal agents before thrombolysis – local experience (Joyce Lo)

### CH06 (Room4)

NSRG Examination

13:00 – 14:30

### Grand Hall (Room 1)

Session 20: Updates in Secondary Stroke Prevention

Chairpersons: Jung-Ho Rha, Ping-Wing Ng

Topics:

- 1) Anti-thrombotic therapy (Liping Liu)
- 2) New paradigms in stroke prevention (Gary Lau)
- 3) Platelet-function guided antiplatelet for ischemic stroke - brief introduction of PATH-STROKE (Jie Yang)

### CKK (Room 2)

Session 21: Atrial Fibrillation I (Pfizer)

Chairpersons: Masatoshi Koga, Yannie Soo

Topics:

- 1) Prolonged Holter monitoring for AF (David Siu)
- 2) Atrial fibrillation & dementia (Vincent Mok)
- 3) Real world evidence for the management of AF (Luciano Sposato)

### CH05 (Room3)

Session 22: Innovation in Stroke Rehabilitation

Chairpersons: Raymond Tong, Leonard Li

Topics:

- 1) Exoskeleton in stroke rehabilitation (Raymond Tong)
- 4) Neurostimulation in stroke rehabilitation (Leonard Li)
- 5) Predicting recovery and improving physical activity after stroke (Li Khim Kwah)

### CH06 (Room4)

FP 5: Free Paper Presentation 5

Chairpersons: Andrew Wong, Derek Wong

Topics:

- 1) Increased resting-state functional connectivity in cingulate may be as a compensatory mechanism for its atrophy that impair empathy in patients with ischemic stroke (Jian-Fei Liu)
- 2) Clinical, imaging and atrial cardiopathy markers in ischemic stroke subtypes - can we predict cardioembolic source? (Sapna Erat Sreedharan)
- 3) RapidAI compared with human readers of acute stroke imaging for detection of intracranial vessel occlusion (Nandhini Ravintharan)
- 4) Predictors of ischemic events in patients with unilateral extracranial vertebral artery dissection: a single-center exploratory study (Yanhong Yan)
- 5) Multi-phase CTA combined with perfusion imaging in assessment of cerebral collateral circulation and prognosis in acute ischemic stroke (Changgeng Fang)
- 6) DWI lesion change and functional recovery after ischemic stroke (Beom Joon Kim)
- 7) MCA geometrical difference between branch atheromatous disease and lipohyalinotic disease (Jun Sang Yoo)

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- ADC-DWI mismatch is correlated with slower infarct growth rate, parent artery stenosis and the need for angioplasty or stenting in anterior circulation endovascular thrombectomy (Chen-Hua Chiang)
- Combined impact of lipoprotein (a) and fibrinogen on stroke in statin-treated patients with stable coronary artery disease: a large cohort, prospective study (Cheng Yang)

14:30 – 15:00

Coffee Break + Poster Tour 3 (CKK Pre-function Area)

15:00 – 16:30

### Grand Hall (Room 1)

Session 23: Advances in IVT (Boehringer Ingelheim)

Chairpersons: Geoffrey Cloud, Richard Li

Topics:

- Updates on thrombolysis (Henry Ma)
- Intravenous thrombolysis in acute ischaemic stroke patients taking DOAC medication (Geoffrey Cloud)
- Impact of thrombolytic therapy in patients undergoing mechanical thrombectomy (Teruyuki Hirano)

### CKK (Room 2)

Session 24: Subarachnoid Hemorrhage & Neurocritical Care

Chairpersons: Mervyn Vergouwen, George Wong

Topics:

- Neuromonitoring in the ICU (Polly Tsai)
- Targeted temperature management in stroke (Sombat Mueengtaweepongsa)
- Rebleeding after aneurysmal subarachnoid hemorrhage: medical prevention and timing of aneurysm treatment (Mervyn Vergouwen)

### CH05 (Room3)

Session 25: Cerebral Venous Thrombosis

Chairpersons: Mohammad Wasay, Dawson Fong

Topics:

- Epidemiology of cerebral venous thrombosis (Maria Khan Junaidi)
- Treatment of cerebral venous thrombosis (CVT) with direct oral anticoagulants (DOACs) (Mohammad Wasay)
- Endovascular and surgical treatment of CVT (Sanjith Aaron)

### CH06 (Room4)

FP 6: Free Paper Presentation 6

Chairpersons: Deidre Anne De Silva, Sze-Ho Ma

Topics:

- Ticagrelor resistance in cardiovascular disease and ischemic stroke (Song He)
- METTL3 reduces clopidogrel metabolism: new mechanism and potential therapy of clopidogrel resistance in ischemic stroke (Quandan Tan)
- Current status of antiplatelet peri-endovascular treatment for acute ischemic stroke (Yapeng Lin)
- TE-6168, a fibrin-targeting scFv-linked thrombolytic agent for improved efficacy and safety (Ming-Yu Hsieh)
- Characteristics and outcomes of direct oral anticoagulant-associated intracerebral haemorrhage (Ching Hei So)
- Impact of renal function variability on long-term prognosis in ischemic stroke patients with atrial fibrillation prescribed oral anticoagulants (Xiao Wong)
- Impact of educational programs on the frequency of contraindications to thrombolytic therapy in patients with ischemic stroke in real clinical practice. Data from the Moscow Hospital Stroke Registry (Nataliya Marskaya)
- Establishment of telestroke units in the Russian Federation: next step to higher intravenous thrombolysis rates (Andrey Alashev)
- Fibrinogen concentrates for thrombolysis related bleeding in ischaemic stroke patients (Joyce Lo)
- Association of outcomes and blood pressure control in the first 24 hours after intraarterial thrombectomy in acute ischaemic stroke patients (Man-Sum Chi)

16:30 – 18:00

### Grand Hall (Room 1)

Session 26: Atrial Fibrillation II (Daiichi Sankyo)

Chairpersons: Jie Yang, Siu-Hung Li

Topics:

- Controversial issues regarding the use of NOACs: neurologists' perspectives (Bumjoon Kim)
- Stroke prevention in AF patients with intracerebral haemorrhage: where are we now? (Chih-Ping Chung)
- Selecting appropriate DOACs for patients with atrial fibrillation and multiple comorbidities (Gary Lau)

### CKK (Room 2)

Session 27: Intracranial Atherosclerosis

Chairpersons: Jong S. Kim, Sonny Hon

Topics:

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## FULL PROGRAMME RUNDOWN

- 1) Antiplatelet treatment for ICAD (Lawrence Wong)
- 2) ICAD endovascular treatment based on pathogenesis (Thomas Leung)
- 3) ICAD concern in mechanical thrombectomy (Tomohide Yoshie)

### CH05 (Room3)

FP 7: Free Paper Presentation 7

Chairpersons: Lekhjung Thapa, Kar-Ming Leung

Topics:

- 1) Prognostic significance of perihematomal edema in basal ganglia hemorrhage after minimally invasive endoscopic evacuation (Guo Wei)
- 2) Low LDL-C levels and the risk of recurrent intracerebral haemorrhage (Tsz Ching Lee)
- 3) Prevalence and associations of cognitive impairment in adult patients with Moyamoya disease - a systematic review and meta-analysis (Benjamin Yong Qiang Tan)
- 4) Primary intracerebral haemorrhage in the ED and a 30-day mortality prediction model (Daniel Iqram Abd Halim)
- 5) Stride length and cerebellar regulation: key features of early gait disorder in cerebral small vessel disease (Yuting Mo)
- 6) Altered static and dynamic functional connectivity mediated white matter hyperintensity-related cognitive impairment and depression (Jingxian Xu)
- 7) Deep learning radiomics identifies white matter hyperintensity-related cognitive decline based on T2-FLAIR (Lili Huang)
- 8) The effect of hematoma location and its interaction with initial volume in predicting hematoma expansion in intracerebral hemorrhage (Ryan Wui-Hang Ho)
- 9) Correlation of cognitive impairment with glymphatic dysfunction in subcortical infarcts (Xin Ding)
- 10) Predictors of unfavorable outcomes of ischemic stroke due to non-valvular atrial fibrillation at King Chulalongkorn Memorial Hospital (Pakkawan Vongvasinkul)

### CH06 (Room4)

FP 8: Free Paper Presentation 8

Chairpersons: Byung-Chul Lee, Wing-Chi Fong

Topics:

- 1) Cardiovascular autonomic dysfunction in patients with ischemic stroke: risk factors and its effects on functional outcome (Shulan Yuan)
- 2) Telestroke units help to improve IVT rate: 1-year experience in Sverdlovsk region (Russian Federation) (Andrey Alashev)
- 3) Loneliness and social network satisfaction in stroke survivors (Pei Ling Choo)
- 4) Network analysis of stroke systems of care in Korea (Hee-Joon Bae)
- 5) Application of collateral score and clot burden score in predicting ischaemic stroke revascularisation therapy outcome - a local hospital experience (Ian Victor Ma)
- 6) Safety of an outpatient model of care for minor stroke - the Monash Minor Stroke Pathway (Maryon Jones)
- 7) The association between admission over a weekend / holiday and stroke mortality in regional Australia: a ten-year retrospective study (Fan He)
- 8) Association between renal insufficiency and lesion characteristics of posterior reversible encephalopathy syndrome (Dong Young Jeong)
- 9) Risk of arterial and venous thromboembolism according to statin therapy in cancer patients (Jinkwon Kim)
- 10) Knowledge, attitudes and practices of stroke patients and caregivers in a tertiary rural hospital in northern Philippines (Guillermo III Manalo)

18:00 – 18:30

Break Time before Gala Dinner

18:30 – 21:00

Gala Dinner / Cultural Programme (Happiness Cuisine, HKSTP)

# Asia Pacific Stroke Conference 2023

## FULL PROGRAMME RUNDOWN

### Day 3

08:00 – 08:30

Registration

08:30 – 10:30

#### **Grand Hall (Room 1)**

Session 29: Intracerebral Hemorrhage

Chairpersons: Wing-Chi Fong, Thorsten Steiner

Topics:

- 1) ESOC guideline update in management of ICH (Thorsten Steiner)
- 2) Stroke prevention for patients with atrial fibrillation and coexisting cerebral microbleeds - the continuously evolving clinical dilemma (Yannie Soo)
- 3) Location really matters for intracerebral hemorrhage (Kay-Cheong Teo)
- 4) INTERACT3 implication for ICH management (Craig Anderson)

#### **CKK (Room 2)**

Session 30: Translational Neuroscience

Chairpersons: Thanh Phan, Owen Ko

Topics:

- 1) Mechanistic investigations on how targeting GLP-1 signaling may help in age-related neurodegeneration (Owen Ko)
- 2) Stem cell for stroke - acute or sub-acute? (Thanh Phan)
- 3) Potential therapeutic use of micro-robots in stroke (Li Zhang)

#### **CH05 (Room3)**

Session 31: Stroke Service in Asia

Chairpersons: Shigeru Fujimoto, Maria Epifania Collantes

Topics:

- 1) Establishing stroke care system in Indonesia (Ita Muharram Sari)
- 2) Stroke accreditation & quality programme - how to formulate & develop the standards (Arvind Sharma)
- 3) Stroke service in the Philippines (Maria Epifania Collantes)
- 4) Digital health innovations for acute stroke care in Korea (Mi-Sun Oh)

10:00 – 10:30

Coffee Break + Poster Tour 4 (Grand Hall)

10:30 – 12:00

#### **Grand Hall (Room 1)**

Session 32: Innovation in Stroke Imaging

Chairpersons: Benjamin Clissold, Edward Chu

Topics:

- 1) Cerebral hemodynamics in symptomatic ICAD and the clinical implications (Cindy Leng)
- 2) Advanced imaging for patient selection: the balance (Henry Ma)
- 3) Intracranial artery calcification (IAC) (Fiona Chen)
- 4) Advanced vascular imaging for intervention selection (Yohanna Kusuma)

#### **CKK (Room 2)**

Session 33: Rare Causes of Stroke in Asia

Chairpersons: Nijasri Suwanwela, Fred Tsang

Topics:

- 1) Unusual causes of stroke in Asia (Nijasri Suwanwela)
- 2) Moya-moya disease (Fred Tsang)
- 3) CNS tuberculosis and stroke (Man Mohan Mehndiratta)

#### **CH05 (Room3)**

Session 34: Young Leadership for Stroke & Research

Chairpersons: Maria Khan Junaidi, Gary Lau

Topics:

- 1) Overcoming hurdles in stroke research: the role of mentors (Christopher Chen)
- 2) Future directions in prehospital stroke care (Anna Balabanski)
- 3) Why should stroke physicians pursue a PhD (Zhe Kang Law)

12:00 – 13:00

#### **Grand Hall (Room 1)**

Session 35: Late-Breaking Session

Chairpersons: Ku-Chou Chang, Stephen Cheng



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## FULL PROGRAMME RUNDOWN

Topics:

- 1) APSC 2024 Introduction (Bernard Yan)
- 2) Effectiveness and safety of early initiation of direct oral anticoagulants in acute ischemic stroke patients with atrial fibrillation (Masatoshi Koga)
- 3) Is atrial fibrillation associated with higher first pass effect following thrombectomy for large vessel occlusion? DIRECT-SAFE secondary analysis (Presaad Pillai)

13:00 – 13:30

**Grand Hall (Room 1)**

Session 36: Closing Ceremony

13:30 – 14:00

Lunch

14:00 – 17:00

**Grand Hall (Room 1)**

Session 38: 中風復康新知交流論壇

Chairpersons: 李少雄

Topics:

- 1) 香港復康會 ICF 中風復康服務(陳婉婷)
- 2) 華人中風患者的社區經驗和復康需求(盧海珊)
- 3) 中風復康與科技(黃國昌)
- 4) 中風年輕化社區預防(劉巨基)

**CKK (Room 2)**

Session 39: HKSS Stroke Roundtable Meeting (Boehringer Ingelheim) - Advances in Thrombolysis

Chairpersons: Joyce Lo, Richard Li

Topics:

- 1) Thrombolytics for stroke - insights from the latest ESO recommendations (Thorsten Steiner)
- 2) Translating evidence into real world practice – thrombolysis (Henry Ma)
- 3) Thrombolytics in Asians - trials and real-world data (Sze-Ho Ma)
- 4) Overcoming barriers to give novel thrombolytics - our journey (Joyce Lo)

**CH05 (Room3)**

Session 40: Burden of ICH related to Anticoagulants (AstraZeneca)

Chairpersons: Wing-Chi Fong, Samuel Lam

Topics:

- 1) Burden of ICHs related to anticoagulants (Kay-Cheong Teo)
- 2) Reversal of Factor Xa inhibitor in ICH: what do clinical trials result say (Luciano Sposato)
- 3) Development of critical care pathway for patients with ICH (Geoffrey Cloud)