

## General information

### Conference Venue

Hotel Granvia Kyoto (at the Kyoto railroad station, Kyoto, Japan) <http://www.granviakyoto.com/>

Address: JR Kyoto Station, Karasuma Chuo-guchi, Shiokoji-sagaru, Karasumadori, Shimogyoku, Kyoto 600-8216, Japan

Tel: +81-75-344-8888, FAX: +81-75-344-4400

### Language

English is the official language of the forum.

### Registration

The registration desk will be situated just in front of the forum room (5th floor, rooms Taketori & Eiga).

Desk will operate as follows:

Monday (October 18, 2010) from 9:30 to 19:00

Tuesday (October 19, 2010) from 8:00 to 19:00

Wednesday (October 20, 2010) from 8:00 to 12:00

### Conference kit and Name tag

Upon registration, you will receive your conference kit in which you will find your name badge. You are kindly requested to wear your badge during all conference sessions and events.

### Welcome drinks

Monday (October 18, 2010) from 19:00 to 21:00

A chance to meet old friends, make new friends, enjoy watching dances performed by traditional Japanese Maiko, and take photos with them at this welcome drinks, being held at the same room of the forum. Free charge, but kindly requested to wear your badge.

### Get-together party

Tuesday (October 19, 2010) from 19:30 to 21:30

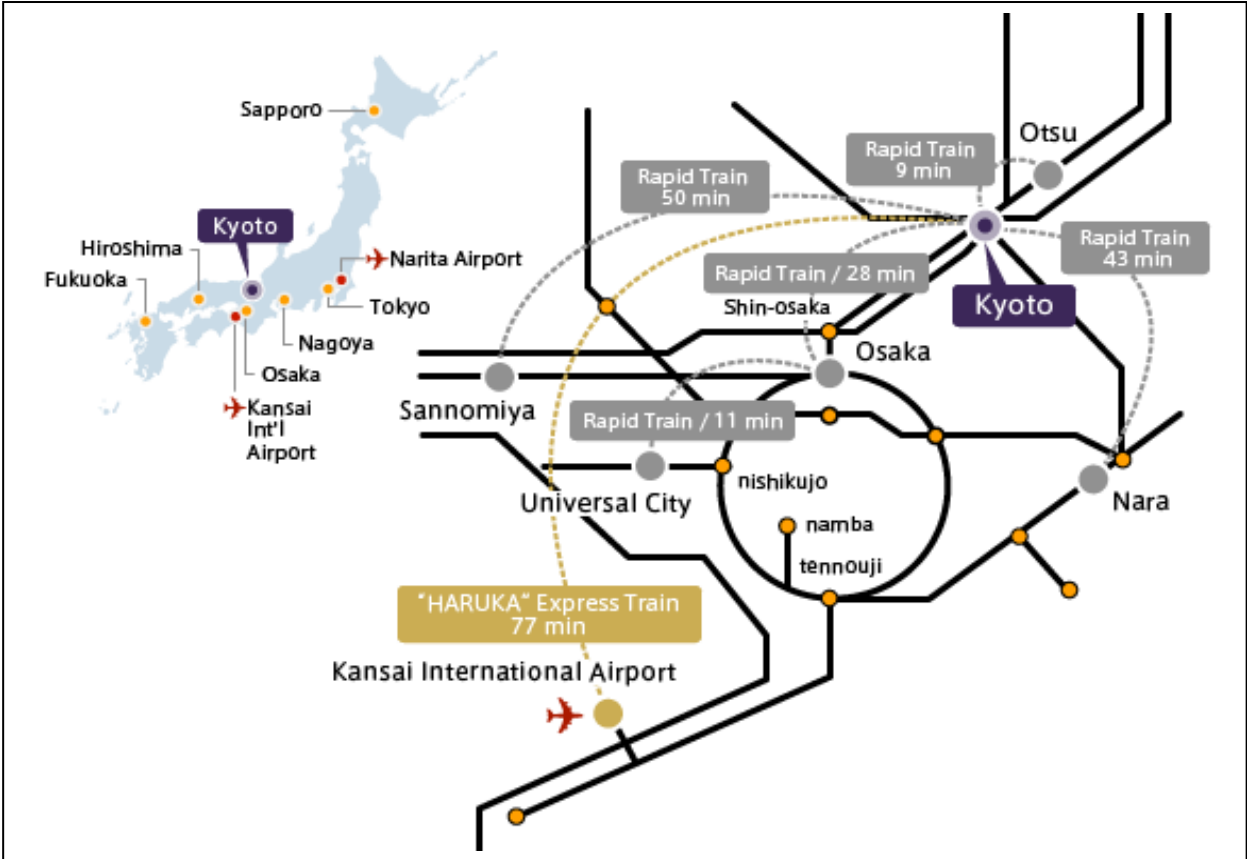
Another chance to strengthen your international friendship together after evening seminar by Professor Pierre Amarenco, being held at the same room of the forum and evening seminar. Free charge, but kindly requested to wear your badge.

### Accommodation

Accommodation will be arranged with special discount rate at the site of this forum (Kyoto Granvia Hotel, if required). Autumn in Kyoto is the peak season when hotel capacity is extremely tight, so that early registration is strongly recommended. Hotels of 3 classes are arranged for the participants on this our website. For official hotel informations, see below page 7.

**Traffic information**

The venue of this forum (Kyoto Granvia Hotel) is located just on the Kyoto station, which is the terminal station of your express train (called Haruka) from Kansai airport with 1 hr and 15 min of railroad trip. The Haruka express train departs Kansai airport every 30 min from 6:34 am to 10:16 pm. Alternatively, you can come to Kyoto station from Tokyo station by Shinkansen superexpress train with 2 hr of trip.



## Instruction to the contributors

### (1) Registration:

- Early registration (February 1-August 31): JPY 30,000, (accompanying person: JPY 10,000)
- Late registration (August 21-October 10): JPY 40,000, (accompanying person: JPY 15,000)
- On site registration: JPY 50,000, (accompanying person: JPY 20,000)

(2) Registration fee allows poster or oral presentation, and covers attendance to all scientific sessions, 2 day free traffic ticket within Kyoto city including discount tickets for major temples and spots, lunch seminars, evening activities, and coffee breaks. Accompanying person gets 2 day free traffic ticket within Kyoto city including discount tickets for major temples and spots, and can attend only evening activities. Certification of attendance will be issued to all registered participants on site.

(3) Abstract should be submitted on line on our website with 300-500 words by July 10 (2,010). Acceptance of poster or oral presentation will be noticed by early August.

### (4) Important dates:

- July 10 (2010): deadline for abstract submission for poster or oral presentation.
- August 31 (2010); deadline for early registration.
- September 10 (2010); deadline for hotel accommodation
- October 10 (2010); deadline for late registration

### (5) Session chairpersons

- Please begin your oral session when the scheduled time has come. Let audience promote discussion, but keep time schedule.
- Please begin your poster session in the morning (October 19 or 20) at am 8:30, and finish it at am 9:30. Arrange your poster session in free discussions or a scheduled round as you think better to promote discussions.

### (6) Oral presentation

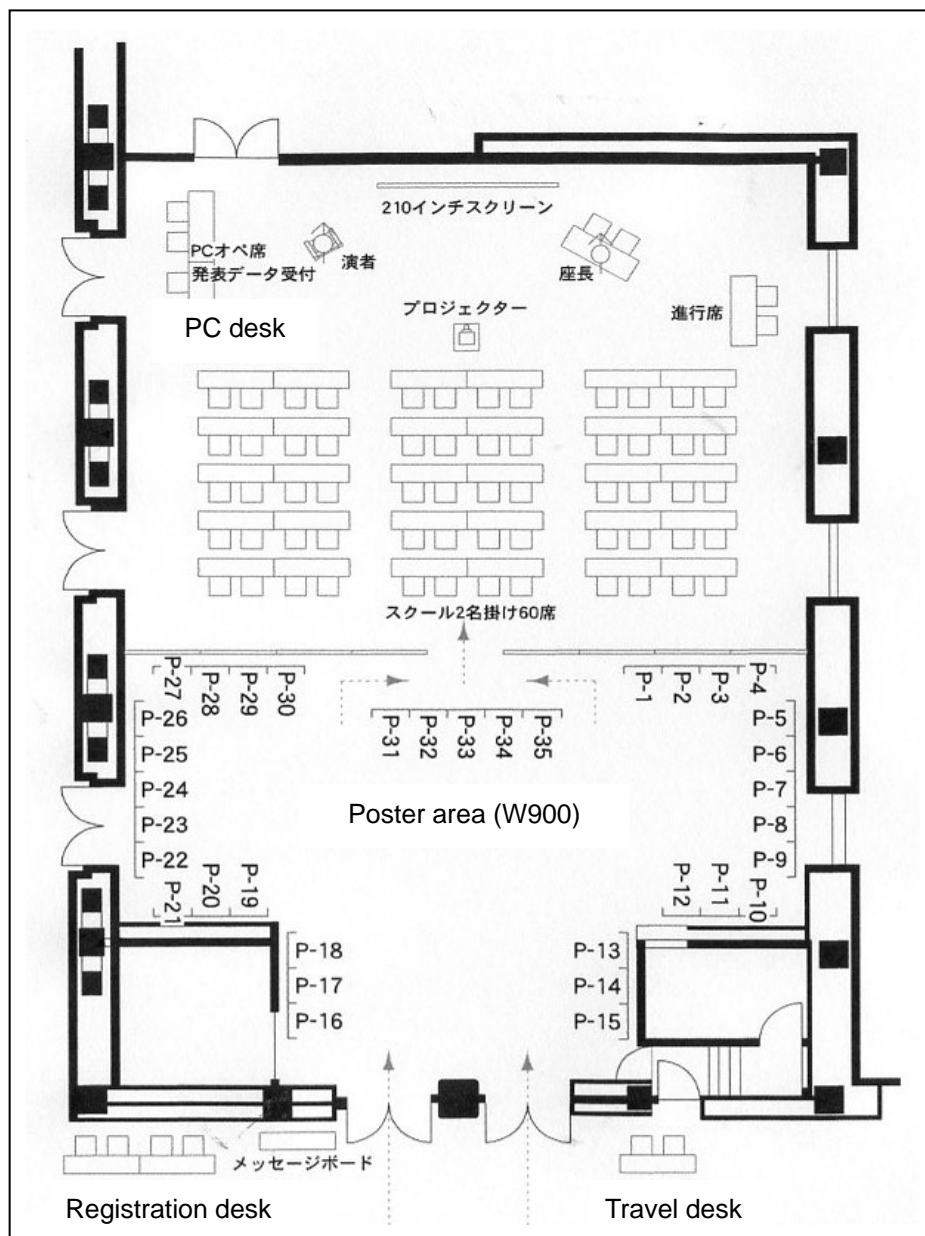
- Check-in your USB file in advance at the PC desk in the forum room, or bring and connect your PC when you will begin your talk. Your time of talk is 20 min followed by 5 min of discussion (total 25 min).

### (7) Poster presentation

- Stand in front of the poster in 2 mornings (October 19 and 20) at am 8:30-9:30. Follow the direction of your session chair persons. Small drinks and snacks are available.

## Program overview

Date (2010)	Room #	am 8:30-9:30	am 9:30-12:00	pm 0:10-1:10	pm 1:30-6:00	pm 7:00-9:00	
October 18 (Mon)	1		Registration	Lunch seminar 1	Oral sessions 1 & 2 (modern neuroimaging & stem cell therapy)	Welcome reception with Maiko dancers (free)	
	2						
October 19 (Tue)	1	Registration (continued)	Oral session 3 (translational stroke research)	Lunch seminar 2	Oral sessions 4 & 5 (stem cell therapy & translational stroke research)	pm 6:30-7:30 Evening seminar	pm 7:30-9:30 Get-together party (free)
	2	Poster presentation					
October 20 (Wed)	1	Registration (continued)	Oral session 6 (modern neuroimaging)	Lunch seminar 3	adjourn		
	2	Poster presentation					



Room #1  
(5F, room Taketori)

Room #2  
(5F, room Eiga)

## Program of World Forum on CBFM&F in Kyoto

Monday, October 18, 2010

Time & chair	Session #	Speaker	Title
pm 0:10-1:10 Norio Tanahashi (Saitama, Japan)	Lunch seminar 1 (Otsuka Pharma)	Makoto Suematsu (Tokyo, Japan)	
		Shinichiro Uchiyama (Tokyo, Japan)	
pm 1:30-3:30	Oral session 1 (Modern neuroimaging 1 and Neuroprotection)		
Iwao Kanno (Chiba, Japan)  Hideaki Hara (Gifu, Japan)	1	Iwao Kanno (Chiba, Japan)	Brain molecular imaging with PET
	2	Kazuto Masamoto (Chiba, Japan)	Optical imaging of live rat cerebral arteries after ischemia
	3	Koji Abe (Okayama, Japan)	In vivo optical imaging of apoptosis and autophagy after cerebral ischemia in mice
	4	Hideaki Hara (Gifu, Japan)	Ischemia and ER stress
	5	H. Yoshioka, H. Kinouchi (Yamanashi, Japan) & Pak H. Chan (Stanford, USA)	NADPH oxidase mediates striatal neuronal injury after transient global cerebral ischemia
pm 3:30-4:00	Coffee break		
pm 4:00-6:00	Oral session 2 (Stem cell therapy 1)		
Yasuo Katayama (Tokyo, Japan)  Shinn-Zong Lin (Taichung, Taiwan)	6	Shinn-Zong Lin (Taichung, Taiwan)	Stem cell therapy in chronic stroke patients-Phase II trial
	7	Alexander Kranz (Leipzig, Germany)	Transplantation of placenta-derived mesenchymal stromal cells upon experimental stroke in rats
	8	Koji Abe (Okayama, Japan)	Transplantation of iPS cells for ischemic mice brain.
	9	Ken-ichiro Katsura (Tokyo, Japan)	FNK-modified Bcl-2 protects ischemic brain damage
	10	Ling Wei (Atlanta, Georgia)	Human stem cell transplantation promote functional recovery after ischemic stroke
pm 6:00-7:00	Break		
pm 7:00-9:00	Welcome reception with traditional Maiko dancers		

Tuesday, October 19, 2010

Time & chair	Session #	Speaker	Title
am 8:30-9:30 Tatsushi Kamiya (Okayama, Japan)	Poster presentation		
am 9:30-12:00	Oral session 3 (Translational stroke research 1)		
Christopher Chen (Singapore)  Shinichiro Uchiyama (Tokyo, Japan)	11	Christopher Chen (Singapore)	"Intracranial stenosis, perfusion and cognitive impairment" be of interest?
	12	Seung Hoon Lee (Seoul, Korea)	Impact of leptin and adiponectin on hemorrhagic stroke
	13	Shunya Takizawa (Isehara, Japan)	A novel inhibitor of plasminogen activator inhibitor-1 provides anti-thrombotic benefits devoid of bleeding effect
	14	Shinichiro Uchiyama (Tokyo, Japan)	Mega trials for stroke prevention
	15	Guo-Yuan Yang (Shanghai, China)	Neuroprotection against cerebral ischemia with ARB and modifying signal transduction
pm 0:10-1:10  Shinichiro Uchiyama (Tokyo, Japan)	Lunch seminar 2 (Tanabe Mitsubishi Pharma)	Eng H. Lo (Boston, USA)	
		Koji Abe (Okayama, Japan)	
pm 1:30-3:30	Oral session 4 (Stem cell therapy 2)		
Pak H. Chan (Stanford, USA)  Michael Chopp (Detroit, USA)	16	Eng H. Lo (Boston, USA)	Biphasic mechanisms of neurovascular injury and repair in stroke.
	17	Michael Chopp (Detroit, USA)	Molecular and cellular bases for stimulating brain plasticity using stem cells.
	18	Yan Xu (Pittsburgh, USA)	Umbilical cord matrix stem cell therapy after global cerebral ischemia: Evidence of neuronal repair through extracellular signaling.
	19	Pak H. Chan (Stanford, USA)	Signal transduction and mechanism of ischemic brain damage.
pm 3:30-4:00	Coffee break		
pm 4:00-6:00	Oral session 5 (Translational stroke research 2)		
Pierre Amarenco (Paris, France)  Johannes Boltze (Leipzig, Germany)	20	Johannes Boltze (Leipzig, Germany)	Autologous cell therapies of ischemic stroke in a large animal model.
	21	Pierre Amarenco (Paris, France)	Beyond LDL lowering, the neuroprotective effect of HDL cholesterol.
	22	Shan Ping Yu (Atlanta, USA)	Neuroprotective effect of the endogenous neural peptide apelin in neurons.
	23	Mikio Shoji (Hirosaki, Japan)	Detection and prevention of Alzheimer's disease.
pm 6:00-6:30	Break		
pm 6:30-7:30 Norio Tanahashi (Saitama, Japan)	Evening seminar (Pfeizer)	Pierre Amarenco (Paris, France)	
pm 7:30-9:30	Meeting party		

Wednesday, October 20, 2010

Time & chair	Session #	Speaker	Title
am 8:30-9:30 Keiko T. Kitazato (Tokushima, Japan)	Poster presentation		
am 9:30-12:00	Oral session 6 (Modern neuroimaging 2)		
Hidehiro Iida (Osaka, Japan)  Jun Hatazawa (Osaka, Japan)	24	Ji Hoe Heo (Seoul, Korea)	Translational approach to improve thrombolytic efficacy in stroke
	25	Yasuhisa Fujibayashi (Fukui, Japan)	Molecular imaging of Cerebrovascular diseases
	26	Jun Hatazawa (Osaka, Japan)	PET imaging in patients of acute ischemic stroke
	27	Ekū Shimosegawa (Osaka, Japan)	Ischemic penumbra analyzed with PET imaging
	28	Hidehiro Iida (Osaka, Japan)	Use of PET and SPECT for clinical diagnosis
	29	Nobuo Araki (Saitama, Japan)	The role of NO in reducing damages of ischemic stroke
pm 0:10-1:10 Yasuo Katayama (Tokyo, Japan)	Lunch seminar 3 (Kyorin Pharma)	Pak H. Chan (Stanford, USA)	
		Nobuo Araki (Saitama, Japan)	
adjourn			

## Topics of poster presentation

Poster #	First author	Affiliation	Title
1	Liu J	UCSF (USA)	Association of mild hypothermia treatment outcomes with 14.1 Tesla $^1\text{H}/^{31}\text{P}$ brain metabolomic patterns in an oxygen-glucose-deprivation rat brain slice model of neonatal asphyxia
2	Jingwei Shang	Okayama University (Japan)	Anti-apoptotic and anti-autophagic effects of GDNF and HGF after transient MCAO in rats
3	Ning Liu	Okayama University (Japan)	In vivo optical imaging of early stage apoptosis in mice brain after transient cerebral ischemia
4	Nagata E	Tokai University (Japan)	Alterations of inositol hexakisphosphate kinases in brain ischemia/ reperfusion
5	Xuemei Zhang	Okayama University (Japan)	Temporal and spatial differences of multiple protein expression in the ischemic penumbra after transient MCAO in rats
6	Zeisig V	University of Leipzig (Germany)	Imaging the ischemic penumbra with PET: Evaluation of $[^{18}\text{F}]\text{FETA}$ – a brain hypoxia marker of the newer generation
7	Kenji Shimada	Tokushima University (Japan)	Activation of estrogen receptor and inhibition of local renin angiotensin system against cerebral ischemia in oophorectomized rats
8	Fengfeng Tian	Okayama University (Japan)	In vivo imaging of autophagy after cerebral ischemia in mice
9	Yoko Masuda	Tokyo Women's Medical U. (Japan)	Study on factors for misdiagnosis of cerebellar infarction
10	Hajime Maruyama	Saitama Medical University (Japan)	Cognitive dysfunction and cerebral blood flow in 4 cases of bilateral medial thalamic infarction
11	Chikako Nito-Nagata	Nippon Medical School (Japan)	A free radical scavenger and mild hypothermia for brain damage after focal ischemia – Effects on MMP activation and blood-brain barrier disruption
12	von Geymüller T	University of Leipzig (Germany)	Sheep models of ischemic and hemorrhagic stroke
13	Makoto Sakurazawa	Nippon Medical School (Japan)	The Neuroprotective effect of PTD-FNK protein and hypothermia combination therapy on rat focal brain ischemia model
14	Satoshi Suda	Nippon Medical School (Japan)	FK506 enhances therapeutic potency of bone marrow stromal cells after experimental stroke in rats
15	Park Sang-In	Incheon St. Mary's Hospital (South Korea)	Neuroprotective effect of gongjindan on middle cerebral artery occlusion-induced brain ischemia model in rats

16	David Kis	University of Szeged (Hungary)	The role of diffusion tensor imaging, probabilistic tractography and functional MRI in the surgical treatment of cerebrovascular malformations and the prediction of outcome
17	Norio Tanahashi	Saitama Medical University (Japan)	Cilostazol attenuates laser induced thrombus formation in murine cerebral microvessels
18	Junya Hamanaka	Gifu Pharmaceutical U. (Japan)	Toll-like receptor 4 (TLR4), but not TLR3, knock-out mice have neuroprotective effects against focal cerebral ischemia
19	Keiko T. Kitazato	Tokushima University (Japan)	Activation of mineral corticoid receptor and the formation of cerebral aneurysm in rats subjected to hypertension and hypoestrogenicity
20	Masayuki Ueda	Nippon Medical School (Japan)	Pretreatment with ethyl eicosapentaenoic acid reduces oxidative stress and ameliorates brain damages following focal ischemia in rats
21	Tomoya Kinouchi	Tokushima University (Japan)	Role of signal transducer and activator of transcription-3 in pioglitazone-mediated neuroprotection against cerebral ischemia in female rats
22	Norifumi Shioda	Tohoku University (Japan)	Drug-induced ischemic tolerance with vanadyl compound, a novel therapeutic approach in brain infarction
23	Kamiya N.	Nippon Medical School (Japan)	Monitoring of administered autologous bone marrow mononuclear cells via carotid artery in rat transient focal ischemia model using MRI
24	Kenji Shimada	Tokushima University (Japan)	Activation of estrogen receptor and inhibition of local rennin angiotensin system against cerebral ischemia in oophorectomized rats
25	Ito Y	Saitama Medical University (Japan)	Effects of PPAR gamma agonist on NO production, hydroxyl radical metabolism during cerebral ischemia and reperfusion in db/db mice
26	Moriya Y	Tokai University (Japan)	Role of glyoxalase 1 in focal cerebral ischemia
27	Kranz A	University of Leipzig (Germany)	Multimodal approach to investigate therapeutic efficacy of human umbilical cord blood cell transplantation after experimental stroke
28	Riegelsberger U-M	Fraunhofer Institute (Germany)	Beyond apoptosis: cleaved caspase-3 positive cells following experimental stroke
29	Tatsuya Kato	Yamanashi University (Japan)	Role of cyclin D1 in ischemic tolerance
30	Koichi Nomura	Nippon Medical School (Japan)	Effects of long-term administration of HMG-CoA reductase inhibitor, atorvastatin, on microvessels in the brain of stroke-prone spontaneously hypertensive rats
31	Hiromi Kawai	Okayama University (Japan)	Tridermal tumorigenesis of induced pluripotent stem (iPS) cells transplanted into ischemic brain

32	Kazunori Miyazaki	Okayama University (Japan)	Disruption of neurovascular unit prior to motor neuron degeneration in ALS mice
33	Violeta Lukic-Panin	Okayama University (Japan)	In vivo and in vitro analyses of tissue plasminogen activator neurotoxicity in rats and the protection by edaravone
34	Motonori Takamiya	Okayama University (Japan)	Metabolic syndrome is a risk factor for acute cerebral infarction in younger, but not the older, elderly in population of Kurashiki city
35	Kuniyasu Niizuma	Stanford University (USA)	The PIDDosome mediates delayed death of hippocampal CA1 neurons after transient global cerebral ischemia in rats