



# The 15th Korea-Japan Symposium on Diabetes Mellitus

*Perspective of Diabetes & Metabolic Syndrome in Asia*

November 20<sup>th</sup>~21<sup>st</sup>, 2009

International Convention Center Jeju

Jeju Island, Korea



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# Invitation Message

Dear Colleagues,

On behalf of the organizing committee, it is my great pleasure to invite you to the 15<sup>th</sup> Korea-Japan Symposium on Diabetes Mellitus which will be held on 20<sup>th</sup> (Friday), and 21<sup>st</sup> (Saturday) of November, 2009 in Jeju, Korea.

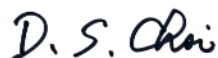
Korean Diabetes Association (KDA) has arranged scientific symposia and the extensive educational programs for physicians, researchers and educators of Korea and Japan. It will be a good opportunity to update and exchange knowledge and experience between two countries. Also I believe you can feel the hospitality and beautiful autumn of Jeju Island.

It is very meaningful that K-J Symposium has become an important biannual event between two countries from 1981. As Korea and Japan have contributed in the fields of research and treatment of diabetes of Asian region, we have to keep making efforts on diabetes and continue the symposium. I would like to express my respect to Korean and Japanese colleagues including early organizing members for their efforts and achievements on K-J Symposium.

KDA has been chosen to host the 8<sup>th</sup> IDF-WPR Congress in 2010 and it will be held from October 18<sup>th</sup> to 20<sup>th</sup> in Busan, Korea. I appreciate support of Japanese friends and would like to ask kind cooperation and participation of Korean and Japanese members.

I sincerely hope the meeting will be a chance of promoting two countries' friendship and look forward to seeing you in Jeju in November, 2009.

Sincerely yours,



Dong Seop Choi, MD

Chairman of 15<sup>th</sup> Korea-Japan Symposium on Diabetes Mellitus

# Organizing Committee

<b>Honorary President</b> Eung Jin Kim	<b>Chairman of Korea</b>	Dong Seop Choi
<b>President</b> Bo Wan Kim	<b>Chairman of Japan</b>	Takashi Kadowaki
<b>Vice-President</b> Myung-Shik Lee, Duk-Kyu Kim	<b>Secretary General</b>	Kyung Soo Ko

## Advisors

Korea			Japan	
Hun Ki Min	Young Kil Choi	Tai Hee Lee	Yoshihito Atsumi	Toshiaki Hanafusa
Kap Bum Huh	Soon Hyun Shinn	Young Kun Kim	Yasuhiko Iwamoto	Kohei Kaku
Hong Kyu Lee	Duk Hee Kim	Sung Koo Kang	Ryuzo Kawamori	Masato Kasuga
Sun Woo Kim	Kwang-Won Kim	Hyun Chul Lee	Junji Koizumi	Yoshitomo Oka
Ho Young Son	Tae Wha Kim	Yong Ki Kim	Fumio Umeda	
Young Seol Kim				

## Members

Korea		Japan	
Min Young Chung	Sung-Woo Park	Eiichi Araki	Masakazu Haneda
Hyung Joon Yoo	Bong Yun Cha	Nigishi Hotta	Nobuya Inagaki
Sae Won Yang	Hong Sun Baek	Takashi Kadowaki	Jiro Nakamura
Kunho Yoon	Hak-Yeon Bae	Kishio Nanjo	Yutaka Seino
		Naoko Tajima	Yukio Tanizawa

## Local Organizing Committee

Dong Seop Choi	Bo Wan Kim	Ki Up Lee	Joong Yeol Park	Hyunshik Son
Hyoung Woo Lee	Doo Man Kim	In Kyu Lee	Tae Sun Park	Hak Chul Jang
Bong Soo Cha	Moon-Kyu Lee	Yeon-Ah Sung	Yong Soo Park	Jeong Taek Woo
Kyung Soo Ko	Sin Gon Kim	Hyuk Sang Kwon	Chonghwa Kim	SungHee Choi

## Program Committee

Chairman: Ki Up Lee

Secretary: Cheol Young Park

Members: Kyong Soo Park, In Sun Park, In Kyu Lee, Hyoung Woo Lee, Hak Chul Jang, Kyung Soo Ko  
 Eun Hee Koh, Jae Bum Kim, Ha Young Kim, Moonsuk Nam, Yong Soo Park, Tae-Sik Park  
 Seok Man Son, Ki Ho Song, Min Ho Shong, Young Duk Song, Kyu Chang Won, Woo Je Lee  
 Sangah Chang, Hye Seung Jung, Kyung Mook Choi, Eun Gyoung Hong

# Timetable & General Information

Room	Tamna A (5F)	Tamna B (5F)	Tamna C (5F)	Samda (3F)	Halla A (3F)	Halla B (3F)	303 (3F)	401 (4F)	402 (4F)
<b>19th (THU)</b>									
18:20~	Welcome reception								
<b>20th(FRI)</b>									
07:30~08:00	Breakfast Symposium								
09:00~09:10	opening address								
09:10~10:10	Plenary lecture 1								
10:10~10:40	Coffee Break								
10:40~12:40							Main Symposium 1~5	Oral Presentation	
12:50~14:10	Luncheon symposium								
14:10~15:10	Plenary lecture 2								
15:20~17:20							Main Symposium 6~10	Oral Presentation	
17:40	Gala Dinner								
<b>21st(SAT)</b>									
07:30~08:00	Breakfast Symposium								
09:00~11:00							Main Symposium 11~14	Oral Presentation	

## Dates and Venue

- November 20<sup>th</sup> (Fri) ~ 21<sup>st</sup> (Sat), 2009
- International Convention Center Jeju (ICC Jeju)  
2700 Jungmun, Seogwipo, Jeju Special Self-Governing Province, Korea 697-120  
Tel. +82-64-735-1000, Fax. +82-64-738-8922, Homepage: [www.iccjeju.co.kr](http://www.iccjeju.co.kr)

**Official Website**            [www.kjsdm2009.org](http://www.kjsdm2009.org)

**Official Language**        English

**Official Letter of Invitation**    Participants who would like to get the official letter of invitation are asked to contract the Secretariat ([diabetes@kams.or.kr](mailto:diabetes@kams.or.kr))

## Key Dates

- September 16<sup>th</sup>, 2009        Deadline of online abstract submission
- September 30<sup>th</sup>, 2009        Deadline of pre-registration

**Secretariat Office**            1010, Renaissance Tower, 456 Gongdeok, Mapo, Seoul, Korea 121-706  
[diabetes@kams.or.kr](mailto:diabetes@kams.or.kr) Tel. +82-2-714-9064, Fax. +82-2-714-9084

# Program

## November 19<sup>th</sup> (THU)

18:20~ **Welcome Reception** [Ocean View]

## November 20<sup>th</sup> (FRI)

07:30~08:00 **Breakfast Symposium** [Shilla Hotel, Lotte Hotel]

09:00~09:10 **Opening Address** [Tamna A]

09:10~10:10 **Plenary lecture 1** [Tamna A]

(Chair: Kohei Kaku)

Mechanism of beta-cell death/failure in diabetes

Myung-Shik Lee (Sungkyunkwan University)

10:10~10:40 **Coffee Break**

10:40~12:40 **Main Symposium 1**, Epidemiology/Obesity and diabetes in Asians [Tamna C]

(Chair: Hong Kyu Lee, Kishio Nanjo)

1. Relationship of metabolic syndrome with biomarkers

Soo Lim (Seoul National University)

2. Mortality and cause of death of diabetic patients in Korea: A pooled analysis of three community-based cohort studies

Dong Jun Kim (Inje University)

3. Trend of Japanese diabetics and intervention trial for metabolic syndrome

Chikako Ito (Grand Tower Medical Court)

4. Obesity, metabolic risk factors and lifestyle in patients with type 2 diabetes in Japan

Hirohito Sone (University of Tsukuba Mito Medical Center)

**Main Symposium 2**, Glucose and lipid metabolism in the liver [Samda]

(Chair: Kap Bum Huh, Masato Kasuga)

1. Orphan nuclear receptors and liver glucose homeostasis

Hueng-Sik Choi (Chonnam National University)

2. A role of CRTC2-dependent transcriptional circuit in hepatic glucose production

Seung-Hoi Koo (Sungkyunkwan University)

3. The physiological and pathophysiological roles of Insulin Receptor Substrate 1 and 2 in the regulation of glucose and lipid metabolism in the liver

Naoto Kubota (University of Tokyo)

4. Clinical and molecular pathology of type 2 diabetic liver

Toshinari Takamura (Kanazawa University)

# Program

10:40~12:40	<b>Main Symposium 3</b> , Biomarker in cardiovascular disease and metabolic syndrome [Halla A] (Chair: Ho Young Son, Kazuo Hara) 1. Adiponectin: Biomarker and therapeutic target for heart failure in obesity and diabetes Gary Sweeney (Institute Pasteur Korea) 2. Adipokines: biomarkers associated with metabolic syndrome and atherosclerosis Kyung Mook Choi (Korea University) 3. TBA 4. TBA
	<b>Main Symposium 4</b> , Diabetic neuropathy [Halla B] (Chair: Kyung Soo Ko, Nigishi Hotta) 1. Morphologic change in diabetic autonomic neuropathy Tae Sun Park (Chonbuk National University) 2. Proceedings of a consensus development for the evaluation and management of diabetic neuropathy in Korea Jong Chul Won (Inje University) 3. Diabetic neuropathy in Japan and its pathogenetic mechanisms Soroku Yagihashi (Hirosaki University) 4. Keiko Naruse (Aichi Gakuin University School of Dentistry)
	<b>Main Symposium 5</b> , Beta cell biology and survival [303] (Chair: Tae Hee Lee, Nobuya Inagaki) 1. Endogenous regulators for pancreas regeneration In Sun Park (Inha University) 2. Protection of glucolipotoxicity induced beta-cell dysfunction by targeting the PGC-1 $\alpha$ Kun Ho Yoon (Catholic University) 3. Takashi Miki (Chiba University) 4. Role of endogenous ROS generated by Src activation in impaired metabolism-secretion coupling in GK rat islets Shimpei Fujimoto (Kyoto University))
	<b>Oral Presentation</b> [401, 402]
12:50~13:20	<b>Luncheon Symposium</b> [Tamna B, Halla A, B]
13:20~14:10	<b>Lunch</b> [Tamna B, Halla A, B]

# Program

- 14:10~15:10     **Plenary lecture 2**     [Tamna A]  
(Chair: Dong Seop Choi)  
Pancreatic beta-cell signaling; for better understanding and treatment of diabetes  
Susumu Seino (Kobe University)
- 15:20~17:20     **Main Symposium 6, Food & Nutrition**     [Tamna B]  
(Chair: Young Kun Kim, Yoshihito Atsumi)
1. Dietary habits, patterns and quality in Korean patients with diabetes  
Jae Won Cho (Samsung Medical Center)
  2. Current status of medical nutritional therapy for diabetes in Korea  
Hee Jung An (Eulji General Hospital)
  3. TBA
  4. TBA
- Main Symposium 7, Diabetes and Exercise**     [Tamna C]  
(Chair: Sung Woo Park, Jiro Nakamura)
- Main Symposium 8, Brain & Diabetes/ Obesity**     [Samda]  
(Chair: Young Seol Kim, Yasuhiko Iwamoto)
- Main Symposium 9, Gut and Glucose metabolism**     [HallaA]  
(Chair: Hak-Yeon Bae, Yutaka Seino)
1. Can a gut feel the sweet sense?  
Byung-Joon Kim (Konyang University)
  2. Role of GLP-1 in beta-cell secretion and survival  
Dae-Kyu Song (Keimyung University)
  3. Regulation of intestinal carbohydrate digestion/absorption-related genes: mechanisms and application  
Toshinao Goda (University of Shizuoka)
  4. Incretin response in Japanese patients with type 2 diabetes and healthy controls: Implications for reduced insulin secretory capacity of the Asians  
Daisuke Yabe (Kansai Electric Power Hospital)



# Program

- 15:20~17:20     **Main Symposium 10**, Basic mechanisms in Diabetic nephropathy     [HallaB]  
(Chair: Young Kil Choi, Masakazu Haneda)
1. Defensive role of mitochondrial fusion against podocyte injury in diabetic nephropathy  
Eun Hee Koh (University of Ulsan)
  2. The role of orphan nuclear receptor SHP in fibrotic kidney disease  
Mi-Kyung Kim (Keimyung University)
  3.     Daisuke Koya (Kanazawa University)
  4. High glucose activates the hypoxia-inducible factor-1a (HIF-1a)-mediated gene expression in human glomerular mesangial cells Yuichi Makino (Asahikawa University)
- Oral Presentation**     [303, 401, 402]
- 17:40~     **Gala Dinner**     [Delizia]

## November 21 (SAT)

- 07:30~08:00     **Breakfast Symposium**     [Shilla Hotel, Lotte Hotel]
- 09:00~11:00     **Main Symposium 11**, Educators Joint Symposium     [TamnaC]  
(Chair: Sung Koo Kang, Naoko Tajima)
- Main Symposium 12**, Islet autoimmunity     [Samda]  
(Chair: Kwang-Won Kim, Toshiaki Hanafusa)
1. Differential T1D susceptibility from polymorphisms in cytokine genes and genes associated with insulin secretion according to age of onset  
Yong Soo Park (Hanyang University)
  2. Immunological tolerance achieved by de novo induced regulatory T cells by pancreatic islet transplantation  
Chung-Gyu Park (Seoul National University)
  3. Anti-islet autoantibodies in Japanese type 1 diabetes  
Eiji Kawasaki (Nagasaki University)
  4. Fulminant type 1 diabetes - an important entity in East Asia  
Akihisa Imagawa (Osaka University)

# Program

- 09:00~11:00      **Main Symposium 13**, Vascular complication in diabetes      [Halla A]  
(Chair: Bong Yun Cha, Eiichi Araki)
1. Increased Cytoplasmic NAD(P)<sup>+</sup>/NAD(P)H Ratio by NQO1 Activator Ameliorates Vascular complication in the Metabolic Syndrome  
In-kyu Lee (Kyungpook National University)
  2. Mechanisms for cardiac dysfunction in obesity and diabetes  
Jaetaek Kim (Chung-Ang University)
  3. Macrovascular complications      Yoshimitsu Yamasaki (Osaka University)
  4. Mitochondrial ROS and diabetic complications  
Takeshi Nishikawa (Kumamoto University)
- Main Symposium 14**, Genetics of diabetes in Asians      [HallaB]  
(Chair: Yong Ki Kim, Yukio Tanizawa)
1. Genome-wide search for susceptibility genes to diabetic nephropathy in the Japanese  
Shiro Maeda (RIKEN Center for Genomic Medicine)
  2. Genomewide association study of type 2 diabetes in Korean  
Kyong Soo Park (Seoul National University)
  3. Molecular genetics of type 1 diabetes: Similarities and differences between East and West  
Hiroshi Ikegami (Kinki University)
  4. Inflammation and kidney disease in diabetes: Genetics and beyond  
Daniel P.K. Ng (Singapore General Hospital)
- Oral Presentation**      [303, 401, 402]

# Social Program & Satellite Symposia

## November 19 (THU)

17:40~18:10      Satellite Symposium (*Otsuka*)      [Halla B]

18:20~            Welcome Reception      [Ocean View, 5F]

## November 20 (FRI)

07:30~08:00      Breakfast Symposium 1(*G.S.K.*)      [Halla Hall, Shilla]

Breakfast Symposium 2 (*Novartis*)      [Crystal Ballroom, Lotte]

12:50~13:20      Luncheon Symposium 2 (*Novo Nordisk*)      [Tamna B]

Luncheon Symposium 3 (*Pfizer*)      [Halla A, B]

13:20~14:10      Lunch      [Tamna B, Halla A, B]

17:40~            Gala Dinner      [Delizia, 3F]

## November 21 (SAT)

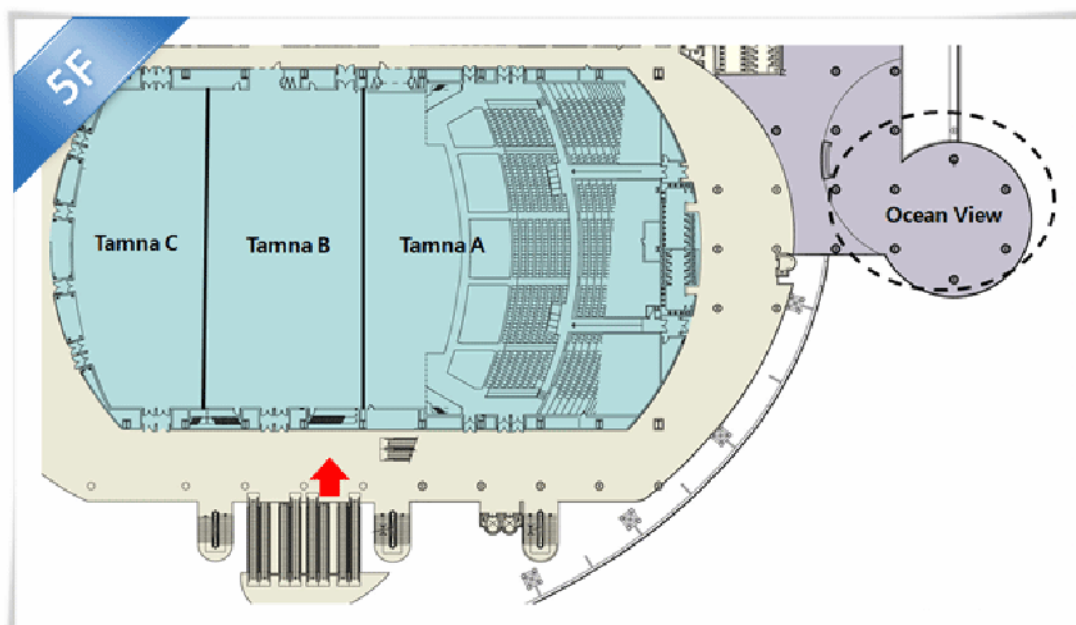
07:30~08:00      Breakfast Symposium 3 (*Astra Zeneca*)      [Halla Hall, Shilla]

Breakfast Symposium 4 (*Lilly*)      [Crystal Ballroom, Lotte]

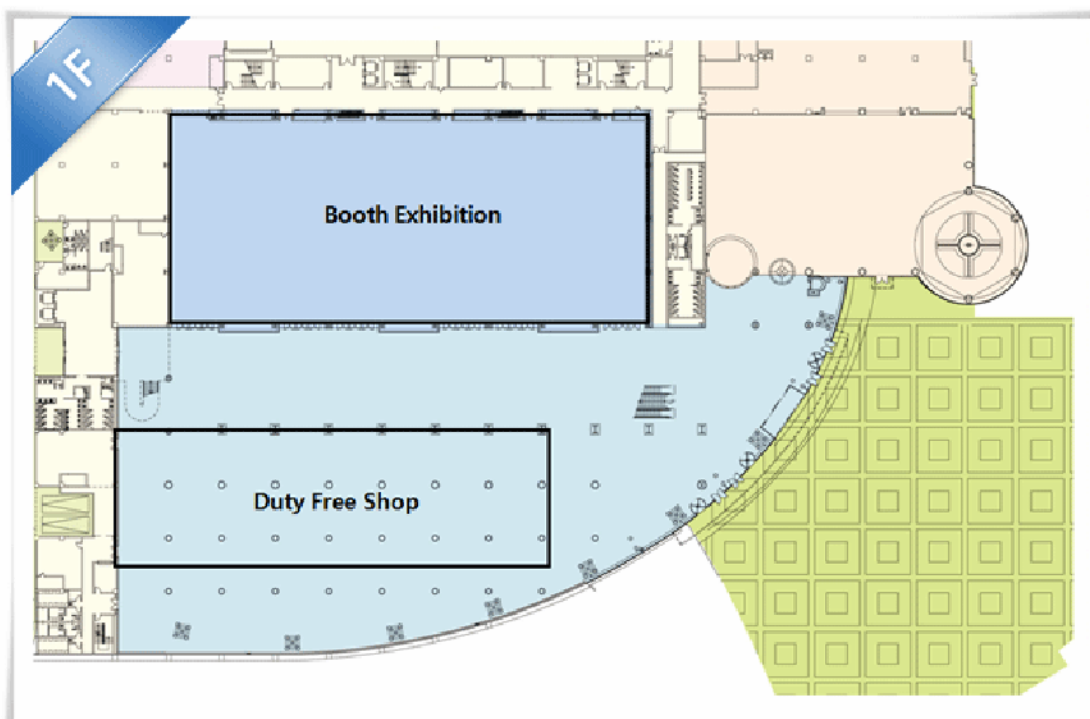
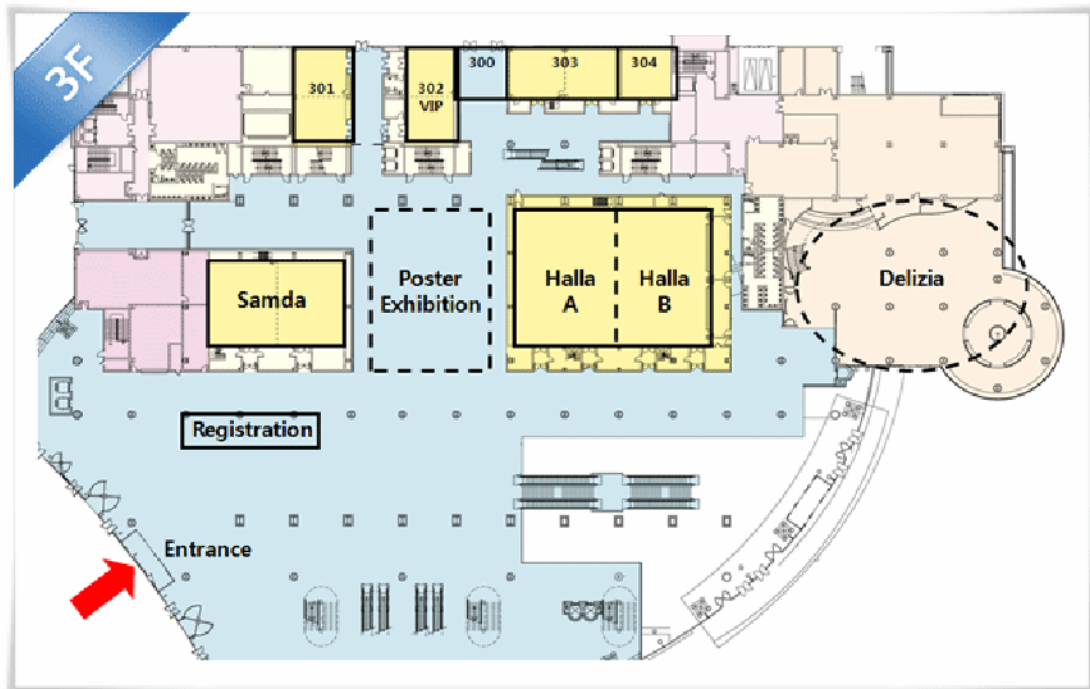


# Floor Plans

- 5F Tamna A, B, C (lecture rooms), Ocean View (welcome reception)
- 4F 401, 402 (oral presentations), Meeting Room
- 3F Samda, Hall A, B (lecture rooms), 303 (oral presentations), 301 (preview room)  
Registration Desk, Delizia (gala dinner)
- 1F Booth Exhibition



# Floor Plans



## Accommodation & Travel

- Accommodation is provided to attendees of K-J symposium with discounted rates. To benefit from discounted rates, attendees should book no later than September 30th.
- Please download the reservation form on (<http://www.kjsdm2009.org>) and read the detailed information. For further information, please contact each telephone number or e-mail address in the list.
- Most hotels are within a 15-minute walking range and 5 minutes by shuttle bus from the venue.

No.	Accommodation List	Room Rates (KRW)	Breakfast (KRW)	Tel. /E-mail Address
1	The Shilla Jeju	170,000~200,000	20,000	Tel: +82-2-2230-3685 jeju.reserve@samsung.com
2	Lotte Hotel Jeju	170,000~210,000	20,000	Tel: +82-2-759-7559 min7782@hotellotte.co.kr
3	Hyatt Regency Jeju	125,000	18,000	Tel: +82-2-325-1391 nina.shin@hyatt.com
4	The Suites Hotel	90,000~150,000	15,000	Tel: +82-64-738-3800 helper@suites.co.kr
5	Hotel Hana Jeju	90,000	No extra charge	Tel: +82-2-595-7070, 8090 hotelhana@hanmail.net
6	Poonglim Resort	80,000~130,000	8,000	Tel: +82-2-566-6421

\*No. 1~3 room rates will be added 10% service charge and 1% tax. No. 4~6 rates include service charge and tax.

- If you need detailed flight rout to Island Jeju, please contact the official travel agency as follows. Agents will give you information in English and Japanese.

Mook Tour, Co. Ltd  
 Mr. Gwang-Jae Lee  
 Tel. +82-2-734-0707, Fax. +82-2-734-0708

- Shuttle bus schedule between Jeje Airport and the venue will be noticed on final announcement.