

1st Korea-UK Joint Symposium on Neuroscience

February 24 ~ 26, 2005
Daemyung Vivaldipark, Gangwon-Do, Korea

February 24, Session I

Synaptic Plasticity

Prof. Graham Collingridge (FRS), Director of MRC Centre for Synaptic Plasticity, Bristol

Prof. Bong-Kiun Kaang, Seoul National University

Prof. Jeremy Henley, Head of Anatomy, MRC Centre for Synaptic Plasticity, Bristol

Prof. Eunjoon Kim, Korea Advanced Institute of Science and Technology (KAIST)

February 25, Session II

Hippocampus and Behavioural Consequences

Prof. Richard Morris, Former Director of The Centre for Neuroscience, Edinburgh

Prof. Hee-Sup Shin, Korea Institute of Science and Technology (KIST)

Prof. Hyeon Son, Hanyang University

Prof. Pyung-Lim Han, Ewha Womans University

February 25, Session III

Receptor Signalling and Selected Topics from BRC

Prof. Alan North (FRS), President of Physiological Society, Vice President of Manchester University

Prof. Byung-Kwan Jin, Ajou University

Prof. Pamela Shaw, Head of Academic Neurology, University of Sheffield

Prof. Joohong Ahnn, Gwangju Institute of Science and Technology (GIST)

Prof. Hyung-Cheul Shin, Hallym University

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주최 :



뇌기능활용및뇌질환치료기술개발연구사업단

후원 :



과학기술부/21C 프론티어연구개발사업

Symposium 사무국 : (주)인터컴

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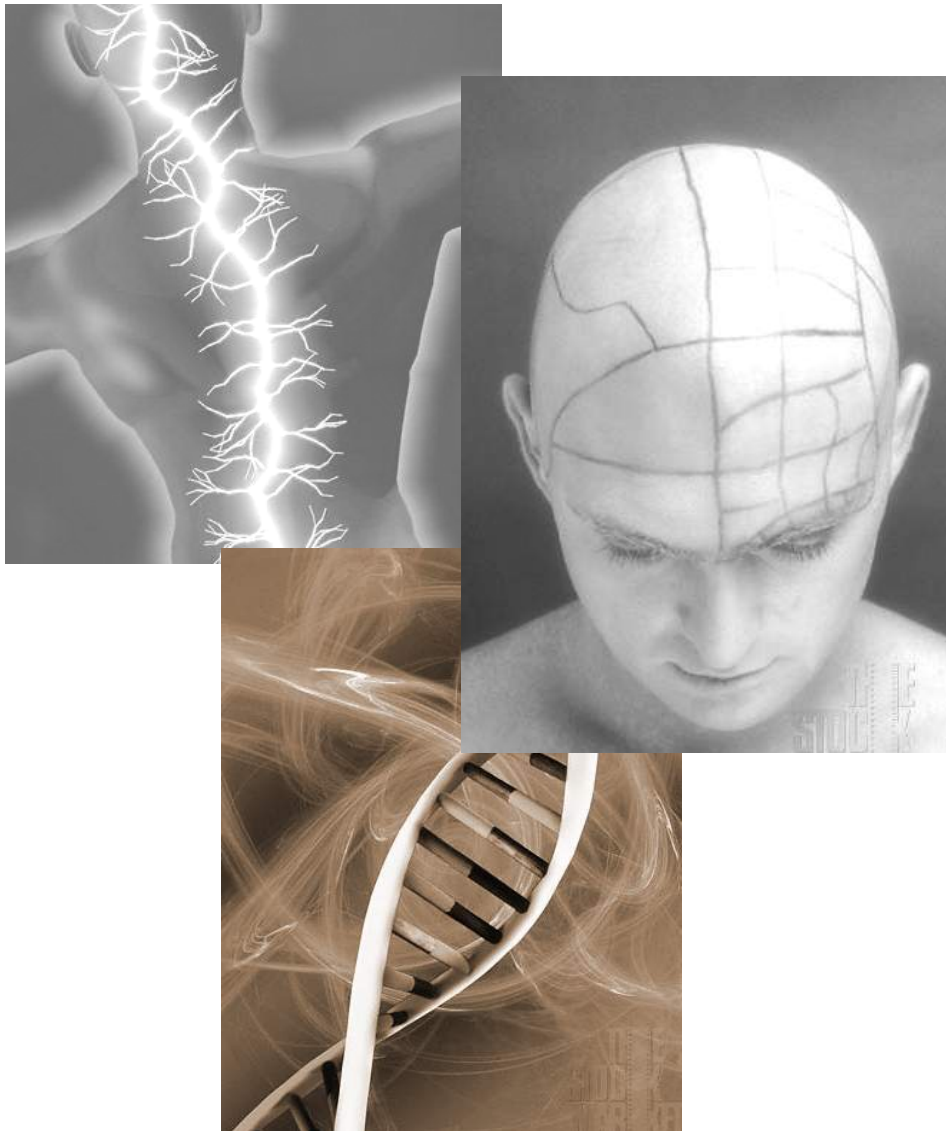
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제 1 회 한·영 신경과학 국제심포지엄

1st Korea-UK Joint Symposium on Neuroscience

February 24 ~ 26, 2005

Daemyung Condominium, Gangwon-Do, KOREA



CONTENTS

■ Invitation	3
■ Synopsis	3
■ Organization	4
■ Timetable	5
■ Programs	6
■ Scientific Programs	7
■ Registration	10
■ Abstract Submission	11
■ Facilities (행사장 시설안내)	16
■ Transportation (교통편 안내)	19

제 1 회 한·영 신경과학 국제심포지엄

1st Korea-UK Joint Symposium on Neuroscience

2005년 2월 24일(목)~26일(토) 대명비발디파크

■ Invitation



안녕하십니까?

뇌기능활용및뇌질환치료기술개발연구사업단(BRC)에서는 사업단 국제협력연구의 일환으로 2004년 5월부터 영국의 관련연구기관과 국제공동연구협력협정을 체결하고 양국간 국제협력 및 신약 후보물질 탐구를 위한 공동연구를 목표로 긴밀한 연구협력을 추진하고 있습니다. 이에 그동안의 연구협력을 더욱 확대 발전시키기 위하여 “신경과학의 현황과 미래”라는 주제 하에 제 1 회 한·영 신경과학 국제공동심포지엄을 2005년 2월 24일-25일 양일간에 걸쳐서 대명비발디파크에서 개최하고자 합니다.

본 심포지엄이 양국 연구자간의 정보공유 및 실질적인 공동연구 수행을 위한 협력의 장이 될 수 있도록 연구자 여러분의 많은 참여와 지원을 부탁드립니다.

감사합니다.

2004년 12월

뇌기능활용및뇌질환치료기술개발연구사업단장

김 경 진

■ Synopsis

- ◆ Title: 1st Korea-UK Joint Symposium on Neuroscience
- ◆ Dates: February 24 (Thursday) ~ 26 (Saturday), 2005
- ◆ Venue: Daemyung Condominium, Gangwon-Do, Korea
- ◆ Participants: 100 (Approx.)
- ◆ Hosted by: Brain Research Center (BRC)
- ◆ Sponsored by: Ministry of Science & Technology
- ◆ Theme: The present and future of Neuroscience

■ 심포지엄 개요

- ◆ 행사명 : 제 1 회 한·영 신경과학 국제심포지엄
- ◆ 기간 : 2005년 2월 24(목) ~ 26일(토), 2박 3일
- ◆ 장소 : 강원도 홍천, 대명비발디파크 메이플동
- ◆ 참가대상 : 사업단 연구책임자 78명, 영국측 연자 6명, 국내외부연자 2명 등
- ◆ 주최 : 뇌기능활용및뇌질환치료기술개발연구사업단(BRC)
- ◆ 후원 : 과학기술부
- ◆ 주제 : 신경과학의 현황과 미래

■ Organization

Organizing Committee

Prof. Heung Sik Na, Korea University (Chair)

Scientific Program Subcommittee:

Prof. Dong Soo Lee, Seoul National University (Chair)

Prof. Won-Ki Kim, Ewha Womans University

Prof. Min Whan Jung, Ajou University

Prof. Seog Bae Oh, Seoul National University

Overseas Coordination Subcommittee:

Prof. Onyou Hwang, University of Ulsan (Chair)

Prof. Ja-Hyun Baik, Korea University

Prof. Jaesang Kim, Ewha Womans University

Prof. Inhee Mook, Seoul National University

Operation Subcommittee:

Prof. Pyung-Lim Han, Ewha Womans University (Chair)

Mr. Dong Won Cho, Brain Research Center

Mr. Byoung Gyun Kim, Brain Research Center

Ms. Gye Hwa Park, Brain Research Center

Ms. Hyun Joo Song, Brain Research Center

* UK Organizer: *Dr. Kei Cho, University of Sheffield*

Secretariat

INTERCOM Convention Services, Inc.

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□ Timetable

Date Time	Feb. 24 (Thursday)	Feb. 25 (Friday)	Feb. 26 (Saturday)
09:00~10:00	Registration	Session II	Free Time
10:00~11:00			
11:00~12:00			
12:00~13:00	Luncheon	Luncheon	Transfer to Seoul
13:00~13:30	Opening Ceremony		
13:30~15:00	Session I	Session III	
15:00~16:00			
16:00~16:30			
16:30~17:00	Poster Session I	Poster Session II	
17:00~18:00			
18:00~19:00	Welcome Dinner	Closing Ceremony & Farewell Dinner	Visit to BRC for the UK Invitees
19:00~20:00			
20:00~21:00			

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■ Programs

Date	Time	Program	Place	Remarks
Feb. 24 (Thursday)	09:00 ~ 17:00	Registration	2F, Lobby	
	11:30 ~ 13:00	Luncheon	B1, Oriental Express	
	13:00 ~ 13:30	Opening Ceremony	2F, Emerald Room	
	13:30 ~ 14:40	Session I-1	2F, Emerald Room	
	14:40 ~ 15:00	Coffee Break	2F, Lobby	
	15:00 ~ 16:10	Session I-2	2F, Emerald Room	
	16:10 ~ 16:30	Break		
	16:30 ~ 18:30	Poster Session I	To Be Announced	
	18:30 ~ 20:30	Welcome Dinner	B1, Oriental Express	
Feb. 25 (Friday)	07:30 ~ 09:00	Breakfast	B1, Oriental Express	
	09:00 ~ 10:20	Session II-1	2F, Emerald Room	
	10:20 ~ 10:40	Coffee Break	2F, Lobby	
	10:40 ~ 11:50	Session II-2	2F, Emerald Room	
	11:50 ~ 12:00	Break		
	12:00 ~ 13:30	Luncheon	B1, Oriental Express	
	13:30 ~ 15:15	Session III-1	2F, Emerald Room	
	15:15 ~ 15:35	Coffee Break		
	15:35 ~ 16:45	Session III-2	2F, Emerald Room	
	16:45 ~ 17:00	Break		
	17:00 ~ 19:00	Poster Session II	To Be Announced	
	19:00 ~ 21:00	Closing Ceremony & Farewell Dinner	B1, Oriental Express	
Feb. 26 (Saturday)	07:30 ~ 09:00	Breakfast	B1, Oriental Express	
	08:30 ~	Free Time		
	To Be Announced	Transfer to Seoul	1F, Main Lobby	

■ Scientific Programs

February 24, 2004 (Thursday)

Opening Ceremony 13:00 ~ 13:30

Opening Address *Prof. Kyungjin Kim, Director, Brain Research Center*

Brain Research in Korea *Prof. Kyungjin Kim, Director, Brain Research Center*

Brain Research in UK *Prof. Graham Collingridge, Director of MRC Centre for Synaptic Plasticity*

Session I 13:30 ~ 16:10

Synaptic Plasticity

Moderator: *Prof. Heung Sik Na, Korea University*

- 13:30 – 14:05 “Glutamate receptors and synaptic plasticity in the hippocampus”
Prof. Graham Collingridge, Director of MRC Centre for Synaptic Plasticity, Bristol
- 14:05 – 14:40 “The transcriptional regulation by ApAF, a memory-enhancing factor, in long-term synaptic facilitation”
Prof. Bong-Kiun Kaang, Seoul National University
- 14:40 – 15:00 *Coffee Break*
- 15:00 – 15:35 “The ins and outs of glutamate receptor trafficking”
Prof. Jeremy Henley, Head of Anatomy, MRC Centre for Synaptic Plasticity, Bristol
- 15:35 – 16:10 “PSD-95 in the regulation of synaptogenesis”
Prof. Eunjoon Kim, Korea Advanced Institute of Science and Technology (KAIST)

Poster Session I 16:30 ~ 18:30

Session II

09:00 ~11:50

Hippocampus and Behavioural Consequences

Moderator: *Prof. Min Whan Jung, Ajou University*

- 09:00 – 09:45 “Elements of a neurobiological theory of hippocampal function: event memory and synaptic tagging & Animal models of Alzheimer's Disease: relevance to novel therapeutics”
Prof. Richard Morris, Director of MRC Centre for Neuroscience, Edinburgh
- 09:45 – 10:20 “Calcium channels in the regulation of thalamic functions”
Prof. Hee-Sup Shin, Korea Institute of Science and Technology (KIST)
- 10:20 – 10:40 *Coffee Break*
- 10:40 – 11:15 “Effects of neurogenic factors on synaptic plasticity”
Prof. Hyeon Son, Hanyang University
- 11:15 – 11:50 “Dopaminergic modulation of stress coping responses of mice lacking type 5 adenylyl cyclase”
Prof. Pyung-Lim Han, Ewha Womans University

Session III

13:30 ~16:45

Receptor Signalling and Selected Topics from BRC

Moderator: *Prof. Young J. Oh, Yonsei University*

- 13:30 – 14:05 “P2X receptors and neurotransmission”
Prof. Alan North, President of Physiological Society, Vice President of Manchester University
- 14:05 – 14:40 “Transient receptor potential vanilloid subtype 1 mediates cell death of mesencephalic dopaminergic neurons in vivo and in vitro”
Prof. Byung-Kwan Jin, Ajou University
- 14:40 – 15:15 “Motor neuron disease: Mice, molecules and men”
Prof. Pamela Shaw, Head of Neurology, University of Sheffield
- 15:15 – 15:35 *Coffee Break*
- 15:35 – 16:10 “Calcineurin function in C. elegans behaviour”
Prof. Joohong Ahnn, Gwangju Institute of Science and Technology (GIST)
- 16:10 – 16:45 “Real-time brain computer interface using neurons in the somatosensory cortex”
Prof. Hyung-Cheul Shin, Hallym University

February 25, 2004 (Friday)

Poster Session II

17:00 ~19:00

Closing Ceremony

19:00 ~21:00

Closing Address *Prof. Kyungjin Kim, Director, Brain Research Center*

Farewell Address *Prof. Alan North, President of Physiological Society, Vice President of Manchester University*

