



**2024 SEOUL
SYMPOSIUM ON
OBESITY &
DIABETES**

Seoul Symposium on Obesity and Diabetes 2024

Joint Symposium with KDA Energy Metabolism Research Group

April 27 (Sat), 2024

**Suh Sung-whan Research Hall, 1F,
Seoul National University Center of Innovative Research**

결과보고서

Seoul Symposium on Obesity and Diabetes 2024

Joint Symposium with KDA Energy Metabolism Research Group

대회 개요

- 행사개요
- 프로그램
- 등록

SSOD 2024

Seoul Symposium on Obesity and Diabetes 2024



행사개요

- 행사명
: Seoul Symposium on Obesity and Diabetes 2024
Joint Symposium with KDA Energy Metabolism Research Group
- 일시: 2024년 4월 27(토) 08:50~17:10
- 장소: 서울대학교병원 의학연구혁신센터 1층 서성환연구홀
- 주최: 대한당뇨병학회
- 주관: 대한당뇨병학회 에너지대사연구회
- 개최형식: 오프라인 국제 심포지엄
- 참석자: 약 100여명
- 전시: 15개
- 평점: 없음

SSOD 2024

Seoul Symposium on Obesity and Diabetes 2024



프로그램

08:20-08:50	Registration	
08:50-08:55	Opening Address	Dae Ho Lee (Chief of Energy Metabolism Research Group, KDA)
08:55-09:00	Welcome Address	Bong-Soo Cha (Chairman, Board of Directors, KDA)
09:00-10:20	Session I : Neurohormonal Control of Metabolism	Chair: Young-Bum Kim (Harvard University, USA), Weiping Han (Singapore Bioimaging Consortium A Star, Singapore)
09:00-09:20	Control of CNS metabolism by amino acid sensing	Feifan Guo (Fudan University, China)
09:20-09:40	Multiple roles of Nos1 neurons in the paraventricular hypothalamus in fat utilization of peripheral tissues	Yasuhiko Minokoshi (National Institute of Physiological Sciences, Japan)
09:40-10:00	A mitochondrial peptide targeting hypothalamic neurons regulates energy homeostasis	Ki Woo Kim (Yonsei University, Korea)
10:00-10:20	Food odor perception promotes systemic lipid utilization for prevention of diabetes and depression	Toshiyasu Sasaoka (Toyama University, Japan)
10:20-10:40	Coffee Break	
10:40-12:15	Session II : Adipose Biology, Multi-omics, and MASH	Chair: Yong Liu (Wuhan University, China), Tadahiro Kitamura (Gunma University, Japan)
10:40-11:00	Regulatory process of adipose tissue remodeling	Jae Bum Kim (Seoul National University, Korea)
11:00-11:20	A new discovery on the role of PAK4 in lipid metabolism	Byung-Hyun Park (KAIST, Korea)
11:20-11:40	Deciphering the pathogenesis of aberrant hepatic gluconeogenesis and lipid synthesis orchestrated by FoxO1 and PPAR α	Takumi Kitamoto (Chiba University, Japan)
11:40-12:00	Dissecting human visceral adipose tissue by single cell analysis in different metabolic status	Sung Hee Choi (Seoul National University, Korea)
12:00-12:15	Cell senescence and hepatic glucose metabolism	Yong-ho Lee (Yonsei University, Korea)

12:15-13:00	Luncheon Special Talk	Chair: Dae Ho Lee (Gachon University, Korea)
12:15-13:00	Diabetes in Asia, what we've learned during past decades	Kyong Soo Park (Seoul National University, Korea)
13:00-13:30	Coffee Break	
13:30-14:50	Session III: Metabolite signaling and translational potential in diabetes	Chair: Yasuhiko Minokoshi (National Institute of Physiological Sciences, Japan), Min Seon Kim (University of Ulsan, Korea)
13:30-13:50	The role of gut-muscle interaction in muscle mass regulation	Kaori Hozumi (Kobe University, Japan)
13:50-14:10	Protein metabolism in health and disease	Weiping Han (Singapore Bioimaging Consortium A Star, Singapore)
14:10-14:30	AMPK-directed degradation of IRE1 α protein supports ER-phagy under nutrient stress	Yong Liu (Wuhan University, China)
14:30-14:50	Pivotal role of hindbrain GFRAL neurons in coordinating systemic metabolic homeostasis	Minho Shong (KAIST, Korea)
14:50-15:10	Coffee Break	
15:10-17:00	Session IV: New targets and therapeutics in metabolic diseases	Chair: In-kyu Lee (Kyungpook National University, Korea), Aimin Xu (Hong Kong University, Hong Kong)
15:10-15:30	The effects of imeglimin on glucagon secretion in mice	Tadahiro Kitamura (Gunma University, Japan)
15:30-15:50	CDCP1 as a robust biomarker and mediator of metabolic dysfunction-associated steatohepatitis	Aimin Xu (Hong Kong University, Hong Kong)
15:50-16:10	Inhibition of 5-HT signaling in the liver can ameliorate MAFLD	Hail Kim (KAIST, Korea)
16:10-16:30	Imeglumin's actions on brown adipose tissue and gut microbiota	Motoharu Awazawa (National Center for Global Health Medicine, Japan)
16:30-16:45	Preservation of mitochondrial function and cristae prevents cardiomyopathy	Jae-Han Jeon (Kyungpook National University, Korea)
16:45-17:00	Effects of creatine depletion on the regulation of hepatic steatosis and fibrosis	Hyon-Seung Yi (Chungnam National University, Korea)
17:00-17:10	Closing Remark	Dae Ho Lee (Chief of Energy Metabolism Research Group, KDA)

SSOD 2024

Seoul Symposium on Obesity and Diabetes 2024



등록

- 전체등록자 수: 131명
 - 사전등록자 수: 110명
 - 현장등록자 수: 21명
- 실제 참가자 수: 약 120여명 (바코드 출결 기록 없음)
- 참가자 구성
 - 국내패컬티: 14명
 - 해외패컬티: 11명
 - 연구회 회원: 16명
 - 일반 참가자: 90명

SSOD 2024

Seoul Symposium on Obesity and Diabetes 2024



Seoul Symposium on Obesity and Diabetes 2024

Joint Symposium with KDA Energy Metabolism Research Group

부스 전시

- 전시부스 운영 사항
- 전시부스 배치도
- 부스전시 사진

SSOD 2024

Seoul Symposium on Obesity and Diabetes 2024



전시부스 운영 사항

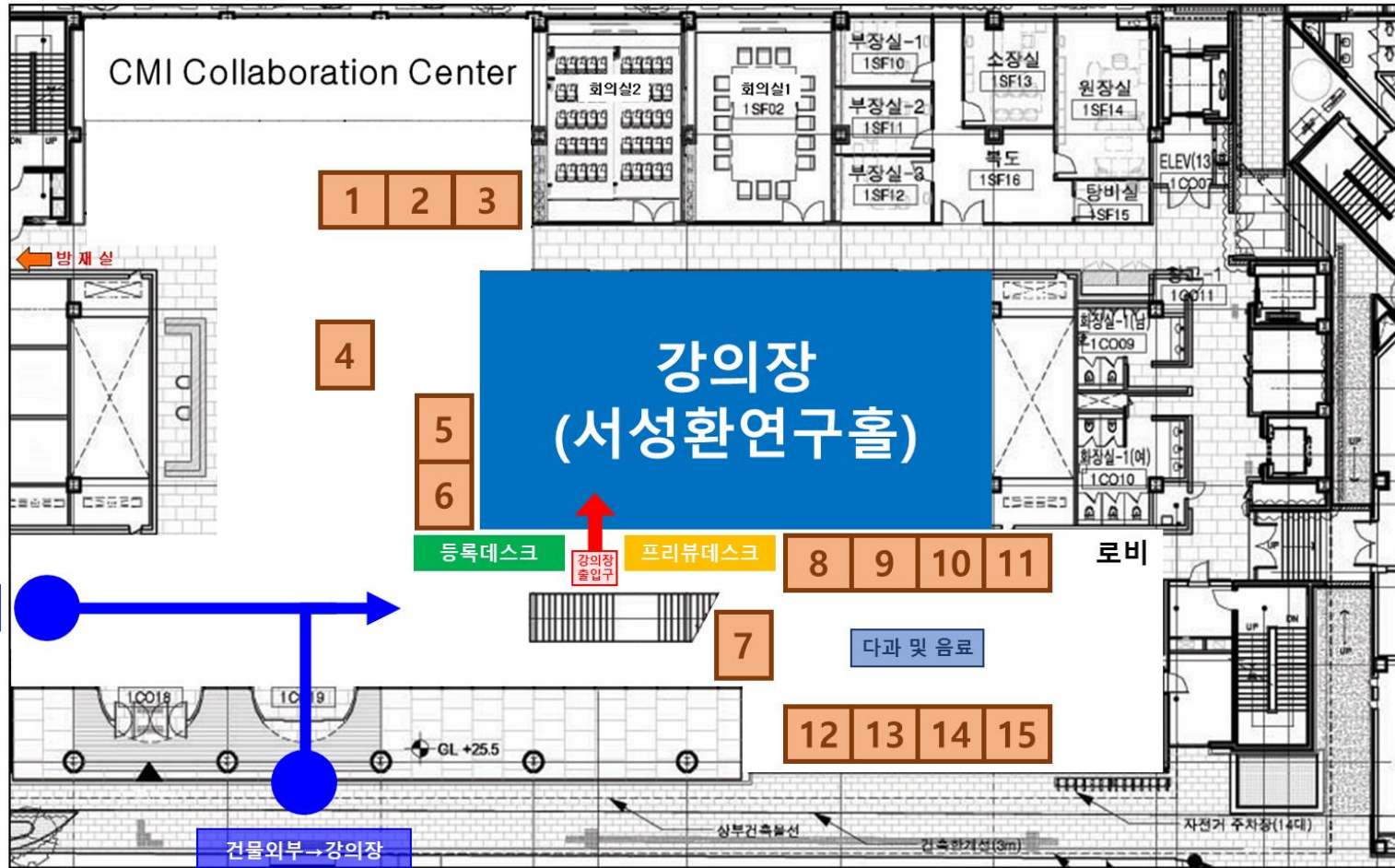
셋팅	셋팅일시	2024-04-26(금)	19:00~21:00
	철거일시	2024-04-27(토)	17:30~
	운영기간	2024-04-27(토)	08:20~17:10 **행사기간
	장소	서울대학교병원 의학연구혁신센터 1층 서성환연구홀	
	목적	부스전시	
	업체 제공물	1부스당 초록집 1권 / 명찰 2개 (회사명이 인쇄된 명찰 배부 예정)	
	유의사항	<ul style="list-style-type: none">● 전시부스 1개당 규격: 가로3M X 폭2M X 높이2.5M● 준비사항<ul style="list-style-type: none">- 바닥 보호용 파이텍스: 본인 필참● 기타<ul style="list-style-type: none">- 책상: 전시사 지참 (행사장에서 책상 및 의자 제공되지 않습니다.)- 의자: 전시사 지참 (행사장에서 책상 및 의자 제공되지 않습니다.)● 점심식사<ul style="list-style-type: none">- 본 심포지엄에서는 후원사 관계자 분들께 점심식사 제공이 불가합니다.- 참가자(패컬티/사전등록자)에 비해 행사장이 협소한 관계로, 관계자 여러분의 양해 부탁드립니다.● 주차: 무료 (등록데스크에서 주차권을 수령해주시오.)	

SSOD 2024

Seoul Symposium on Obesity and Diabetes 2024



전시부스 배치도



부스번호	후원사
1	한국유나이티드제약
2	대원제약
3	진양제약
4	지투이
5	HK이노엔
6	제일약품
7	대웅제약
8	한국베링거인겔하임
9	바이엘코리아
10	한독
11	종근당
12	동아ST
13	LG화학
14	유영제약
15	보령

SSOD 2024

Seoul Symposium on Obesity and Diabetes 2024

부스전시 사진 (1)

부스번호	후원사
1	한국유나이티드제약
2	대원제약
3	진양제약
4	지투이
5	HK이노엔
6	제일약품
7	대웅제약
8	한국베링거인겔하임
9	바이엘코리아
10	한독
11	종근당
12	동아ST
13	LG화학
14	유영제약
15	보령



[1번] 한국유나이티드제약



[2번] 대원제약



[3번] 진양제약



[4번] 지투이



[5번] HK이노엔



[6번] 제일약품



[7번] 대웅제약



[8번] 한국베링거인겔하임



[9번] 바이엘코리아

SSOD 2024

Seoul Symposium on Obesity and Diabetes 2024



부스전시 사진 (2)

부스번호	후원사
1	한국유나이티드제약
2	대원제약
3	진양제약
4	지투이
5	HK이노엔
6	제일약품
7	대웅제약
8	한국베링거인겔하임
9	바이엘코리아
10	한독
11	종근당
12	동아ST
13	LG화학
14	유영제약
15	보령



[10번] 한독



[11번] 종근당



[12번] 동아ST



[13번] LG화학



[14번] 유영제약



[15번] 보령





2024 SEOUL
SYMPOSIUM ON
OBESITY &
DIABETES

Seoul Symposium on Obesity and Diabetes 2024

Joint Symposium with KDA Energy Metabolism Research Group

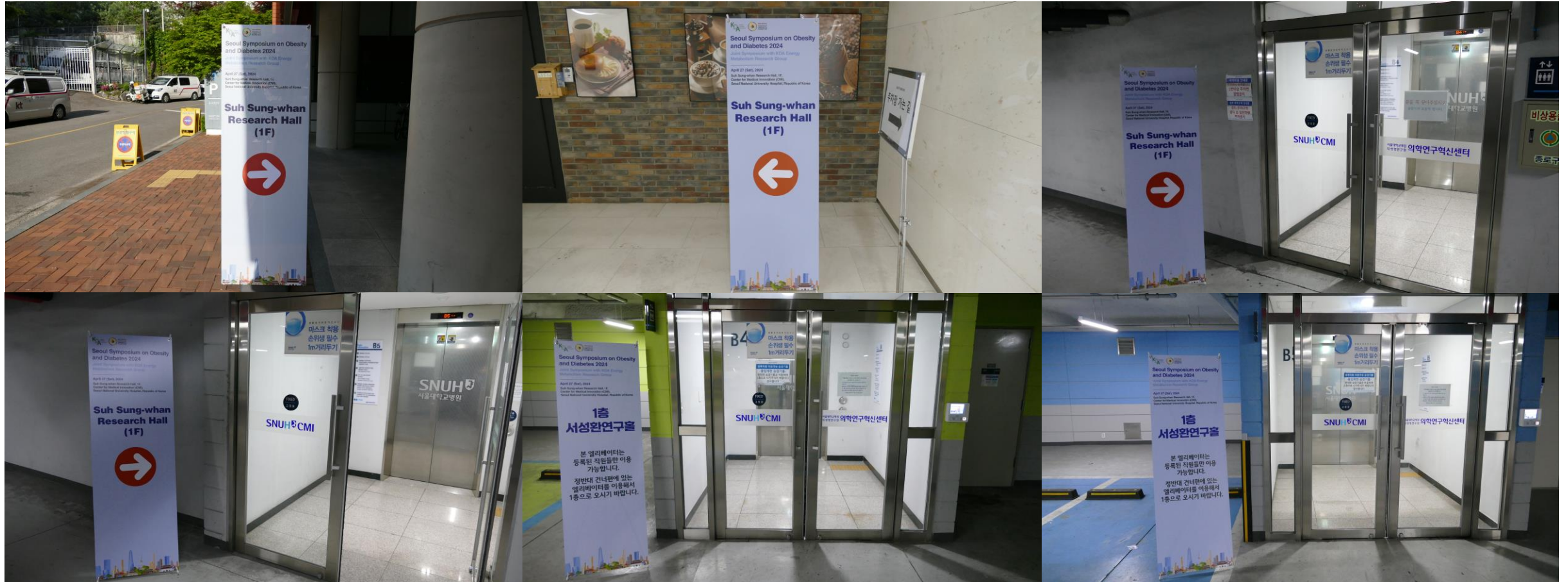
현장제작물

SSOD 2024

Seoul Symposium on Obesity and Diabetes 2024



현장제작물



SSOD 2024
Seoul Symposium on Obesity and Diabetes 2024



현장제작물



SSOD 2024
Seoul Symposium on Obesity and Diabetes 2024



현장제작물



SSOD 2024
Seoul Symposium on Obesity and Diabetes 2024



2024 SEOUL
SYMPOSIUM ON
OBESITY &
DIABETES

Seoul Symposium on Obesity and Diabetes 2024

Joint Symposium with KDA Energy Metabolism Research Group

행사 진행 사진

SSOD 2024

Seoul Symposium on Obesity and Diabetes 2024



현장 진행 사진



SSOD 2024
Seoul Symposium on Obesity and Diabetes 2024



현장 진행 사진

