**2015 Seoul Symposium on Obesity and Diabetes**

안녕하십니까?

대한당뇨병학회 유전학연구회와 서울대학교 분자의학 및 바이오제약학과가 공동으로 주관하는 “2015 Seoul Symposium on Obesity and Diabetes”가 아래와 같이 개최됩니다. 이번 심포지움에는 국내외 유명 연자들이 참여하여 비만과 당뇨병에 대한 최신지견을 소개할 것입니다. 관심 있는 여러분들의 많은 참여와 성원을 부탁 드립니다.

**일시: 2015년 3월 28일 (토) AM 9:00 ~ PM 6:00**

**장소: 서울대학교병원 의생명연구원 1층 강당**

-사전등록 안내-

\* 기한: 2015년 3월 20일 금요일까지

\* 등록비: 2만원

\* 등록비 결재는 계좌이체만 가능합니다(신한은행, 계좌 110-436-930055, 예금주 박경수).

\* 이체 시 등록자 혹은 대표 등록자 성함을 꼭 기입해 주십시오. 아울러 사전등록 시

입금내역을 확인 받으실 연락처(전화번호, 이메일)를 꼭 기재해 주십시오.

**\* 사전등록은 이메일로(seoulsymposium2015@gmail.com) 가능하며 문의 사항은**

**이지수 씨에게(Tel. 02-2072-1814) 연락 바랍니다.**

-비고-

\* 사전등록 신청자에 한하여 **점심 식사가 제공**될 예정입니다.

\* 병원내 주차가 가능하며 당일 **무료 주차권**을 발부해 드릴 예정입니다.

\* 본 행사는 대한의사협회 **연수교육평점 6점**이 부여 됩니다.

**프로그램**

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|  | **Name** | **Institution** | **Country** | **Title of talk** |
| **9:00 – 10:20 Session 1. Energy Metabolism**  Chairpersons: Young-Bum Kim (Harvard Medical School, USA)  Tadahiro Kitamura (Gunma University, Japan) | | | | |
| 9:00 | Min Seon Kim | University of Ulsan | Korea | PKA signaling in the POMC neurons is critical for whole body glucose disposal |
| 9:20 | Kohjiro Ueki | University of Tokyo | Japan | Role of the TGFbeta superfamliy proteins in the regulation of glucose homeostasis |
| 9:40 | Minho Shong | Chungnam National University | Korea | Cell autonomous and non-autonomous regulation of systemic energy metabolism in reduced electro transport chain function |
| 10:00 | Chen-Yu Zhang | Nanjing University | China | Dimerized Eutherian UCP1 regulates thermogenic proton leaks |
| *10:20 – 10:40 Coffee Break* | | | | |
| **10:40 – 12:00 Session 2. Adipokines**  Chairpersons: Kyong Soo Park (Seoul National University, Korea)  Kohjiro Ueki (University of Tokyo, Japan) | | | | |
| 10:40 | Aimin Xu | University of Hong Kong | Hong Kong | Adiponectin promotes browning of subcutaneous adipose tissue by facilitating M2 macrophage proliferation in mice |
| 11:00 | Norikazu Maeda | Osaka University | Japan | Cardiovascular accumulation of Adiponectin protein and its positive feedback regulation through T-cadherin |
| 11:20 | Hyo Soo Kim | Seoul National University | Korea | Implication of Resistin - CAP1 axis in fat inflammation and metabolic syndrome |
| 11:40 | Jae Myung Suh | Korea Advanced Institute of Science and Technology | Korea | Endocrinization of FGF1 produces a neomorphic and potent insulin sensitizer |
| *12:00 – 13:00 Lunch* | | | | |
| **13:00 – 14:20 Session 3. Insulin Secretion**  Chairpersons: Weiping Han (Singapore Bioimaging Consortium, Singapore)  Yan Chen (Shanghai Institutes for Biological Sciences, China) | | | | |
| 13:00 | Weiping Han | Singapore Bioimaging Consortium, A\*STAR | Singapore | Molecular regulation of insulin secretion |
| 13:20 | Seung Hoi Koo | Korea University | Korea | SIK1 terminates cAMP signaling by negative feedback loop in beta cells |
| 13:40 | Wanjin Hong | Institute of Molecular and Cell Biology, A\*STAR | Singapore | Regulators of insulin secretion and insulin action |
| 14:00 | Tadahiro Kitamura | Gunma University | Japan | Newly developed glucagon sandwich ELISA provides new insights into physiological and pathological importance of glucagon |
| *14:20 – 14:40 Coffee Break* | | | | |
| **14:40 – 16:20 Session 4. Insulin Resistance and Diabetes**  Chairpersons: Minho Shong (Chungnam National University, Korea)  Peng Li (Tsinghua University, China) | | | | |
| 14:40 | Masao Kaneki | Harvard Medical School | USA | iNOS and protein S-nitrosylation in obesity and diabetes |
| 15:00 | Tohru Minamino | Niigata University | Japan | Role of senescence-associated inflammation in lifestyle-related disease |
| 15:20 | Guanhou Shui | Institute of Genetics and Developmental Biology | China | Lipodomics as tools for the early diagnosis and sub-classification of type 2 diabetes mellitus |
| 15:40 | Feng Liu | University of Texas Health Science Center | USA | New insights into the signaling mechanisms underlying adipose tissue function |
| 16:00 | Yun Sok Lee | UCSD/KAIST | Korea | Role of adipose tissue hypoxia in obesity and insulin resistance |
| *16:20 – 16:40 Coffee Break* | | | | |
| **16:40 – 18:00 Session 5. Lipid and Liver Metabolism**  Chairpersons: In Kyu Lee (Kyungpook National University, Korea)  Amin Xu (University of Hong Kong, Hong Kong) | | | | |
| 16:40 | Peng Li | Tsinghua University | China | Lipid droplet fusion and obesity development |
| 17:00 | Yan Chen | Shanghai Institutes for Biological Sciences | China | PAQR3 modulates cholesterol biosynthesis by anchoring Scap/SREBP complex to the Golgi apparatus |
| 17:20 | Yoshihiro Ogawa | Tokyo Medical and Dental University | Japan | DNA demethylation-dependent regulation of hepatic lipid metabolism |
| 17:40 | Yong Liu | Shanghai Institutes for Biological Sciences | China | The ER stress sensor IRE1a in starvation response and reparative regeneration |

**찾아오시는 길**

