**Alliance of Cardiovascular science and Technology: Networking, Outstanding and World-leading**

**(ACT NOW)**

**International Symposium of**

**Cardiovascular and Metabolic Disease Core Research Center**

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**Oct 31-Nov 1, 2023 | Cardiovascular Metabolic Disease Center, Busan**

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**Alliance of Cardiovascular science and Technology: Networking, Outstanding and World-leading (ACT NOW)**

**Time : 2023. Nov. 1 11:00~22:00**

**Venue: Park Hyatt Grand-ballroom**

**Moderator : Prof Hyoung Kyu Kim**

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| **Time** | **Title** | **Presenter** | **Affiliation** |
| 11:00~13:30 | Registration |
| 13:30~13:40 | Introduction  | Hyoung Kyu Kim | Inje University |
| 13:40~13:50 | Congratulatory Message | Minhyon Jeon | President of Inje University |
| 13:50~13:55 | Welcome Address | Jin Han | Inje University |
| 13:55~14:00 | ACT NOW opening remark | Chae Hun Leem  | Seoul National University |
| 14:00~14:20 | The cardiac pacemaker reveals that physiology is the technical driver of evolution | Denis Noble | Oxford University |
| 14:20~14:40 | Mutations in RyR2 calcium binding residues of hiPSC-CMs disable CICR,but do not suppress spontaneous beating, revealing cardiac EC-coupling remodeling | Martin Morad | University of South Carolina |
| 14:40~15:00 | The physiology of hypertension- a new look at the mosaic theory | Rhian Touyz | McGill University |
| 15:00~15:20 | A non-transmembrane channel though dimerized calsequestrin-2 in cardiomyocytes | Shi-Qiang Wang | Peking University |
| 15:20~16:00 | Round Table Discussion(Yin Hua Zhang, Jae Bum Yeom, Sun-Hee Woo, Young Min Bae) |
| 16:00~16:20 | The reproducibility crisis: is the academic system at fault? | David Eisner | Manchester University |
| 16:20~16:40 | Publishing: The good the bad and the ugly | Susan Wray | University of Liverpool |
| 16:40~17:00 | Pathophysiological roles of cardiac IKs channel in ventricular repolarization | Junko Kurokawa | University of Shizuoka |
| 17:00-17:50 | ACT Young Leader group discussion(Woochul Chang, Hyung-Sik Kim, Sang Min Park,Sung Woo Choi, Joo Han Woo)  |
| 17:50-18:00 | Closing Remark Yung E Earm |
| 18:00-22:00 | ACT NOW networking dinner |