El Centro de Estudios en Ejercicio, Metabolismo y Cáncer, **CEMC**
invita al siguiente:

Taller: Exercise and Metabolism

PROGRAMA

14:00 Welcome Enrique Jaimovich, CEMC.

14:10 Regulation of Muscle Growth and Metabolism. Thomas E. Jensen, University of Copenhagen, Denmark

14:40 Discussion

14:50 Integrated glucose metabolism in exercise and recovery, Eric Richter, University of Copenhagen, Denmark.

15:20 Discussion

15:30 Insulin transit through microvascular endothelium. Amira Klip, The Hospital for Sick Children, Toronto, Canada

16:00 Discussion

16:10 Cofee Break

16:30 ***High ATP release through pannexin channel induce an inflammatory state associated to insulin resistance in skeletal muscle fibers from obese mice***
Gonzalo Jorquera, Muscle Cell Physiology Laboratory, Facultad de Medicina, Universidad de Chile and Universidad de Valparaíso

16:45 ***Lactate administration activates differentially the ERK ½, mTORC1 and AMPK pathways according to skeletal muscle type in mouse.***
Hugo Cerda, Muscle Cell Physiology Laboratory, Facultad de Medicina, Universidad de Chile

17:00 ***Herpud1 is required for adequate insulin response in skeletal muscle through regulation of Ca2+-calcineurin-Akt axis***
Mario Navarro, Advanced Center for Chronic Disease (ACCDIS), Facultad de Ciencias Químicas y Farmacéuticas Universidad de Chile.

17:15 ***Fibroblast growth factor 21 regulates glucose uptake in skeletal muscle fibers by a GLUT4-dependent and Akt-independent mechanism in skeletal muscle fibers***
Giovanni Rosales, Muscle Cell Physiology Laboratory, Facultad de Medicina, Universidad de Chile

17:30 ***High-fat diet-induced changes in muscle mitochondrial function: a possible role for autophagy?***
Pablo Morales, Advanced Center for Chronic Disease (ACCDIS), Facultad de Ciencias Químicas y Farmacéuticas Universidad de Chile

Viernes 10 de Agosto, 2018

14:00 a 18:00 horas

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