

Summer school in

Obesity

22 – 23 Enero

Biosketch:



Roberto Bravo

I hold a PhD degree in Biochemistry from the University of Chile, and I am an Assistant Professor at the Institute of Nutrition and Food Technology of the same University. Currently, I study the communication between two organelle networks: the endoplasmic reticulum and the mitochondrial network. During stress conditions, both organelles form contacts, which can either stimulate mitochondrial bioenergetics as an adaptive mechanism or induce cell death. This mechanism is relevant in pathogenic processes, such as insulin resistance, cardiovascular diseases, and obesity. Currently, I study how this communication participates in cell senescence, to understand the basis of aging aiming to improve the quality of life of the elderly.