


<b>Name:</b>	Prof. Yau-Huei Wei	
<b>Affiliation:</b>	National Taiwan University, Taiwan	

Biography

**Dr. Yau-Huei Wei** graduated from the Department of Agricultural Chemistry, National Taiwan University, Taiwan. He earned PhD in 1980 from the Department of Chemistry, State University of New York at Albany, New York, USA. After postdoctoral training Dr. Wei was appointed associate professor in 1981 at the Department of Biochemistry, National Yang-Ming Medical College, Taiwan. He was promoted to professor in 1985 and served as the Department Chair and the Dean of Student Affairs until 1991. Dr. Wei was the Director General of Department of Life Sciences, National Science Council of Taiwan during 2001-2005. He then served as the Dean of Academic Affairs of National Yang-Ming University. In 2009, Dr. Wei was appointed the founding President of Mackay Medical College. He is the founding member of Asian Society for Mitochondrial Research and Medicine, and served as the Vice-President and President of the Society. Dr. Wei has been serving as editor of Biochim. Biophys. Acta-General Subjects, Free Radical Research, and Mitochondrion. Dr. Wei has focused on studies of mitochondrial diseases and studied the crosstalk between mitochondria and the nucleus and metabolic switch in the differentiation of stem cells. He demonstrated that oxidative stress and metabolic switch elicited by mtDNA mutations contribute to the pathophysiology of mitochondrial diseases. Dr. Wei has established that the biogenesis and respiratory function of mitochondria and antioxidant enzymes are upregulated in a coordinate manner in stem cell differentiation but down-regulated in the formation of iPSCs.