



Scientific Review Group for the Biomedical Sciences

SRG-MED

Professor Giovanni Pacini

National Research Council (CNR) ● Italy

Expertise: ● **Basic biomedicine** ● Metabolism ● *Biomedical engineering; information engineering; glucose tolerance test; insulin; blood glucose; C-Peptide; insulin resistance; type 2 Diabetes Mellitus*

Bio-sketch:

After graduating from the University of Florence, Italy, **Giovanni Pacini** was CNR fellow from 1976-1979 when he began his American experience first as a Visiting Scientist and then as a Visiting Professor at the Department of Physiology and Biophysics of the School of Medicine of the University of Southern California, Los Angeles. In 1985 he joined the Biosciences Research Group at the Institute of Systems and Biomedical Sciences of the CNR in Padova of which he was Chairman (*Direttore, 1991-2001*). Currently he is in charge of the Group for Metabolic Studies (Head of the Metabolic Unit).



Fields of interest are advanced methodologies for the comprehension of the physiological processes in diabetes, obesity, kidney diseases and other complications. The use of mathematical modelling to describe in detail the β -cell function and its relationships with insulin resistance is one of the main fields of interest. He designs protocols, analyses results and interprets the conclusions of studies conducted in several Medical University Hospitals in Europe and Italian Universities and Research Centers. He was the Chairman of the Tech Committee on Measurements in Medicine and Biology of the IMEKO from 1995-2001 and until 2011 he served on the Editorial Board of *Diabetologia*, the official journal of the EASD for which he was also Associate Editor. He is author or co-author of over 200 articles in peer-reviewed medical journals.

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