

# LAVDATIO DOMINI

## MARCO MASCINI

**P**rofessor **Marco Mascini** obtained the **Ph.D.** in **Chemistry** on July 25<sup>th</sup>, 1962 with 110/110 cum laude at the University of Rome (Italy) and he is full professor of Analytical Chemistry at University of Firenze from 1986 until present.

Professor Mascini has been the pioneer in Europe in the field of Biosensors technology and applications, starting his work on the subject from 1972. He has contributed to the development of biosensors with different applications in the field of environmental, food and clinical analytical chemistry. His activity is also focused in analytical researches concerning ion selective electrodes and gas electrochemical sensors; the use of enzymes as analytical reagents; immobilized enzymes and enzyme-based electrodes, immunochemistry; enzymology; optical fibres applied in chemical sensors and optrodes. Professor Mascini is skilled in the application of modern electrochemical techniques, optical spectroscopy, immobilization chemistry, Surface Plasmon Resonance, piezoelectric sensing, DNA Biosensors and DNA Chips. He is currently supervising many undergraduate and PhD students at Firenze University, teaching Analytical Chemistry, Clinical Analytical Chemistry and Electroanalytical Chemistry.

Professor Mascini published more than 400 papers on highly ranked scientific journals, and several reviews; he is member of the editorial board of the following journals: Analytical Letters, Marcel Dekker, USA; Biosensors & Bioelectronics, Elsevier, Oxford, UK; Talanta, Chemical Sensor Section, USA; Selective Electrode Reviews, Pergamon Press, London, UK; Giornale Italiano di Chimica Clinica, Piccin Ed. Padova, Italia; Biochimica Clinica, Emmezeta, Milano, Italia. Also, he is member of Italian Chemical Society, Italian Society for Biochemical Clinics, American Association for Clinical Chemistry, American Chemical Society.

In July 1994, he was given the award of the 5th International Conference on “Chemical Sensors for Biosensors” in Rome, Italy.

Professor M. Mascini has scientific collaboration with Department of Analytical Chemistry, Faculty of Chemistry from University of Bucharest. Also, he was active participant at a TEMPUS project S\_JEP\_09227-1995/1998, “Biosensors for Environmental Monitoring” in Master program “Biosensors for Environmental Monitoring”, from Faculty of Chemistry, University of Bucharest. He supported and supervised the training of numerous master and PhD students of the Department of Analytical Chemistry, ensuring them a high level of specialization.

Considering the proposal of the Scientific Council of the Faculty of Chemistry, based on precedent motivations, the Senate of the Bucharest University, the most prestigious University from Romania, solemnly confers today the title of **Doctor Honoris Causa** to Professor Marco Mascini from the University of Firenze.

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