



Doctor Honoris Causa title awarded to
Professor Jose Barbosa from Faculty of
Chemistry, Barcelona University, Spain

The University Senate in its session of May 2011 decided unanimously to award the *Doctor Honoris Causa* title to **Prof.dr. Jose Barbosa** from the Faculty of Chemistry of the University of Barcelona for outstanding scientific results and important contributions in the fields of analytical chemistry (equilibria in non aqueous solvents) and bioanalytical chemistry (metabolomics, proteomics, peptidomics) and in the same time for the support given to the Chemistry and Chemical Engineering education in Constanta.

The ceremony took place in the Senate Hall of the Ovidius University of Constanta, Romania on June 9th, 2011 and it was a special event marked by the presence of distinguished guests, staff members of the Ovidius University of Constanta, Politehnica University of Bucharest, Transilvania University of Brasov, researchers, Ph.D and M.Sc. students from the same universities. The proposal for the Dr.h.c. award was initiated by the Department of Chemistry, Faculty of Physics, Chemistry Electronics and Petroleum Technology based on the existing cooperation programs with Professor Barbosa and the University of Barcelona.

Mr. Jose Barbosa Torralbo was born on 02/21/1950 in Cordoba, Spain. After graduation, he attended the University of Barcelona, Faculty of Chemistry, where he graduated in 1972 and in 1978 became doctor in chemistry.

Starting 1986 he is PhD coordinator to the Faculty of Chemistry, University of Barcelona and under his guidance 13 PhD students graduated their PhD theses.

Professor Barbosa teaches courses like " Ionic equilibria in amphiprotic solvents" or "Non-aqueous solvents in analytical chemistry" to the Doctoral

school, "Analytical separation techniques" - practical courses of gas chromatography, liquid chromatography, capillary electrophoresis coupled with mass spectrometry, and "Chemical and physical techniques for the analysis of toxic substances in food" to the undergraduate students of 1st and 2nd cycle.

Based on its research and educational merits, during his university career, he has been invited at different universities and research institutes from abroad: U.S., Canada, Turkey, France and Romania as a visiting professor.

Mr. Prof.dr. Jose Barbosa is part of the Management Board of the Catalan Council of Scientific Communication and of other bodies for teaching and scientific activities' assessment and control to the University of Barcelona and Catalonia province.

In the period 2004-2008 as Dean of the Faculty of Chemistry, University of Barcelona he deeply contributed to the opening of a new faculty building with advanced research laboratories equipped with cutting-edge scientific equipment.

In 1980-2011 Professor Jose Barbosa was director of 40 projects led by national competition and won two international projects.

Among the research directions that have been initiated or developed due to Professor Barbosa's research can be mentioned:

- • Metabolomics - detection, identification and characterization of antibiotics and their metabolites in foods;
- • Proteomics - detection and characterization of peptides, peptide hormones, proteins and glycoproteins in body fluids. Applications in diagnosis, prognosis and treatment of diseases.
- • Peptidomics - detection and characterization of bioactive peptides from food.
- • Study of equilibria in non-aqueous solvents.

So far, Mr. Jose Barbosa has published over 225 scientific papers in national and international journals, of which 124 works are in ISI Web of Knowledge with 2459 citations in (an average of 20 citations per paper) in the above-mentioned areas of research.

Works that had the highest number of citations and can be considered as reference works in analytical chemistry are:

- "Analysis of quinolone residues in animal products" (published in 2002, 114 citations);
- "Reference values of pH standard buffer solutions for the standardization of potentiometric sensors in acetonitrile-water mixtures" (published in 1995, 76 citations).

Some of the published works have been presented at prestigious international conferences as plenary, oral presentations or posters. Furthermore Mr. Jose Barbosa is co-author of four patents.

Professor Jose Barbosa sustained and sustains continuously the undergraduate education programs developed at "Ovidius" University of Constanta like Chemistry, Food Chemistry and Biochemical Technologies, or the master program "Chemistry and Quality Management of Consumer Products and Environment", by participating as a member in International Scientific Committee of International Conferences organized by our faculty (3rd BBCAC 2005, Chemistry 2009, Challenges in Food Chemistry, 2010) or as a plenary conference speaker.

Moreover he has been a close guide to our students who participated effectively by the mobilities within the program Socrates Erasmus from 2007 - present at the research activity of the Analytical Chemistry laboratories from Barcelona University.

Prof. Jose Barbosa attended and actively participates in the editorial board of the journal *Ovidius Annals of Chemistry* since 2005 and has also encouraged his coworkers to publish in our journal contributing to its prestige and maintenance in B + category.

In addition of all these, he facilitated the access to the research equipment from the laboratory under his guidance for all our university staff who went to the Barcelona University.

Prof.univ.dr. Elisabeta Chirila
Editor –in chief