



<b>Conclusions of the International Conference on “The Sustainability of Pharmaceutical, Medical and Ecological Education and Research - SPHAMEER - 2013” (Mariana Golumbeanu)</b>	<b>“Cercetări Marine” Issue no. 43  Pages 372-374</b>	<b>2013</b>
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**B.EN.A.**

**Balkan Environmental Association**

**CONCLUSIONS  
of the  
International Conference on  
“The Sustainability of Pharmaceutical, Medical and Ecological  
Education and Research - SPHAMEER - 2013”  
20-23 June 2013, Constanța, Romania**

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The International Conference on “The Sustainability of Pharmaceutical, Medical and Ecological Education and Research - SPHAMEER - 2013”, organized by the Balkan Environmental Association (B.EN.A.) and the “Ovidius” University of Constanța, Romania, the Faculty of Pharmacy and the Faculty of Natural Sciences and Agricultural Sciences, under the auspices of the Romanian Academy, was held in Constanța, Romania, between 20-23 June, 2013.

More than 200 scientists and experts from the Balkan area and the European Union countries attended the conference sessions and presented the results of their recent research work. The participants at the conference represented: Greece, Romania, Serbia, Austria, Turkey, Italy, Montenegro, FYR Macedonia, Bosnia and Herzegovina, Bulgaria and Albania.

The Conference was honored by the presence of the Romanian Academy President, Professor Academician Ionel Haiducm who declared the support of the Romanian Academy to the importance of environmental protection and the role of scientific society, which must have a continuous dialogue with the politicians.



This Conference was a bridge between Pharmaceutical and Medical Society with the public health professionals and experts in environmental sciences. The scientific program consisted of six sections with a significant number of papers and posters, preceded by 4 plenary lectures. The plenary lectures referred to the importance of the UV radiation on the environment and man, on bridging borders and boundaries on transdisciplinary international education, on the Green Infrastructure concept and finally on the pharmaceutical quality assurance.

Papers with an extensive interdisciplinary approach were presented containing perspectives from the field of pharmacy, economy, ecology, agronomy, medicine and public health, with the following specific themes:

- Pharmaceutical Sciences and New Pharmaceutical Resources - (4 oral presentations and 17 posters)
- Public Health and Environmental Medicine - Food Safety - (1 keynote Lecture, 9 oral presentation and 12 posters)
- Environmental and Public Awareness - (1 keynote Lecture, 22 presentations and 9 posters)
- Environmental Pollution (Air - Water - Soil) - (1 keynote Lecture, 14 oral presentations and 9 posters)
- Sustainable Development: Agriculture, Energy, Economy, Education and Training - (1 keynote Lecture, 12 oral presentations and 16 posters)
- Marine Environment - Coastal Zone Management-Tourism (1 keynote Lecture, 9 oral presentations and 11 posters)

The Conference can be concluded that it was a bridge between the cause and its impact. A pragmatic bridge to relate the pollution (air, water, soil) with its consequences to the public health and to pharmacy as an important tool, introducing the brand new medical topic of “Environmental Medicine and Pharmacy”. Such a correlation was attempted for the first time in Romania and maybe in the Balkan area. Because only through the monitoring of air, soil and water quality and pollution level can be estimated the threat for the public health with the help of pharmaceutical approach. So, it was about the time to examine as well from the medical point of view the relating impact and action and how the public health can be prevented where, of course, this is still possible! The pharmaceutical dynamics for the public health was also underlined.

Environmental Medicine and Health Protection are very big goals for any country and for the Balkan region. On the other hand, it is a great challenge for Romania and particularly for the Pharmaceutical and Ecology Faculties of “Ovidius“ University to play a leading role in this area, respecting the International Pharmaceutical and Protection Protocol of the Public Health.

This task is aiming to:

- a. Develop a common protocol of methodology for measurements and statistical analysis of the urban pollutants such as CO<sub>2</sub>, NO<sub>x</sub>, O<sub>3</sub>, TSP (PM10 and PM2.5), smoke, SO<sub>2</sub>, acid rain, BTX etc., as well regarding the pharmaceutical dynamics as an important scientific effective tool.
- b. Introduce and develop common “urban bioindices” referring to the environmental impact to the public health.
- c. Appraise the current measurements efficiency, regarding its cost.



d. Offer to the decision makers and to the public a Data Base consisting of all the measurements, analysis, statistical results, epidemiological data, cost, actions, against the urban pollution etc. Within the scopes is the public awareness and “public opinion and participation” as the most efficient task force, and

e. Introduce and develop the appropriate Pharmaceutical, Medical and Ecological undergraduate and graduate Education and Research through BENA Int. Centres in the “Ovidius” University for the Pharmaceutical Studies (PHAMED) and Ecological Management of Wetlands and Protected Areas.

In this direction all the presented papers succeeded to fulfil the targets of the Conference and to increase the visibility of the Balkan research activities in front of European and International Scientific Bodies. In the frame of the Conference the FP7 projects PERSEUS and COCONET, connected with B.EN.A., were presented with their preliminary results in the Mediterranean and Black Seas and also the project entitled “A Scientific Network for Earthquake, Landslide and Flood Hazard Prevention - SciNetNatHazPrev”, realised with the “Ovidius” University participation in the frame of the “BLACK SEA BASIN Joint Operational Programme”.