Abstract
Teaching toxicology in health sciences in the XXI century. At present, toxicology is playing a great social role due to the great number of chemicals on the market and their impact on public and environmental health. This has lead to the development of risk assessment strategies for regulatory purposes (Regulatory Toxicology). In addition, toxicology is also concentrating on the human health effects of long-term low doses of chemicals, where biological monitoring and molecular epidemiology play critical roles for risk assessment purposes (Preventive Toxicology). Thirdly, Toxicology has taken advantage of the latest advances in molecular and cellular Biology, thereby allowing this science to acquire knowledge regarding the mechanisms of toxicity and to keep close contact with the molecular pathomechanisms of cancer and neurodegenerative diseases (Mechanistic Toxicology). Based on these statements, this paper presents the main thoughts of the author regarding the near future of toxicology education in health sciences. Special attention is directed towards the university degrees in medicine, pharmacy and food sciences, presenting an overall view of the scope and direction of theoretical lectures, as well as a new approach for practical lectures by implementing bioinformatic technology. Lastly, the toxicology career for postgraduate students is also presented under the perspective of the European harmonization.

Keywords
Teaching of toxicology, risk assessment, human health sciences.