Iberoamerican Network of Toxicology and Chemical Safety

Oscar Herrero, Fernanda Cavieres, Rita C. Gutierrez, Araceli Píllco, Eduardo de la Peña

Mutagenesis Ambiental CSIC. Serrano 115 dpdo 28006 Madrid, Spain.

The Iberoamerican network of toxicology and chemical safety (RITSQ) was established in March 2008 and has had 79,268 visits to the website of the same of 53,759 users. Over 1,700 people from 81 countries have registered on the RITSQ and to date there have been 80 posters in presentation in meetings, and Conferences. Since its establishment we have consistently maintained the following objectives: 1. To coordinate the participation of various existing groups at universities and research organizations in Iberoamerica, involved in studies related with Toxicology, 2. To strengthen collaboration and academic exchange between PhD and Master programs in different Iberoamerica countries which have as their object the study and research in toxicology or related areas, 3. To encourage conducting joint research projects between teachers and researchers from Iberoamerica, student internships and academic events: 4. To research further the short and long term test methods used in the evaluation of carcinogenicity, mutagenicity and reproductive toxicity of substances and mixtures of chemicals, 5. To develop and standardize analytical methods for identification and identification of biomarkers of exposure, effect and susceptibility for substances and chemicals products on humans and the environment; 6. To apply methods of assessing the risk to human health and the environment of chemicals substances and products, 7. To promote scientific exchange of professionals interested food; and 8. To promote the use of alternative methods to animal experimentation (www.remanet.net).

The RITSQ continues to develop independently and their information is a link between the scientific and educational community in Iberoamerica, Portugal and Spain. Total visits to RITSQ over the years have increased from 9,609 in 2009 to 79,668 in 2016 from January to May, all these visits contribute to the dissemination of the event, collaboration, academic exchange and participation in teaching and research of existing groups at universities and research organizations in Iberoamerica, all involved in issues related to the development of Toxicology and promote the principle of the three Rs [3Rs] (refinement, replacement and reduction) and participate in the development of the application of alternative methods to the use of experimental animals.