

MASSIVE OPEN ON-LINE COURSES IN OPEN EDUCATIONAL RESOURCES AND E-LEARNING FOR TOXICOLOGY COURSES

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Remarkably, owing to the lack of European Massive Open On-line Courses (MOOCs) [1] in the field of the Toxicology and major differences in the teaching and learning of this important subject at various European biologically oriented faculties, we will present our TOX-OER European project which develops a scientific and pedagogical joint between research in the field of toxicology and MOOC pedagogical design [2]. This will consist in a guideline to support partners during: a) the creation of accessible Open Educational Resources (OER); b) course & module management; c) the implementation, monitoring and evaluation of individual and social learning activities. This procedure will contribute to the promotion of using the learning outcomes in the design and delivery of educational programs and activities in favor of pupils, students, young people, trainees, adult learners. Furthermore, the TOX-OER project could create the conditions for the RECOGNITION and CERTIFICATION (ECTS credits) of learning achievements, at least between partners. Finally, throughout the duration of the project, the partners involved in the educational tasks will manage a virtual space (server) within which the MOOC platform will be installed, and where all the Open Educational Resources will be available. TOX-OER project is coordinated by Universidad de Salamanca and partners are: Università di Bologna, Italy; Transilvania University of Brasov, Romania; Univerzita Karlova V Praze, Czech Republic; Universidade do Porto, Portugal; Space Research and Technology Institute, Bulgaria; Kymenlaakson Ammattikorkeakoululu Oy, Finland.

[1] Chiappe, A., & Arias, V. (2015). Understanding reusability as a key factor for open education: A review. *The International Review of Research in Open and Distributed Learning*, 16(1). Retrieved from <http://www.irrodl.org/index.php/irrodl/article/view/2042> ISSN: 1492-3831

[2] <https://www.youtube.com/watch?v=U9IHtNLHP4Y>