

Report of the Promotion Meeting of TOX-OER project (Learning Toxicology Through Open Educational Resources) in Hradec Králové (Czech Republic)

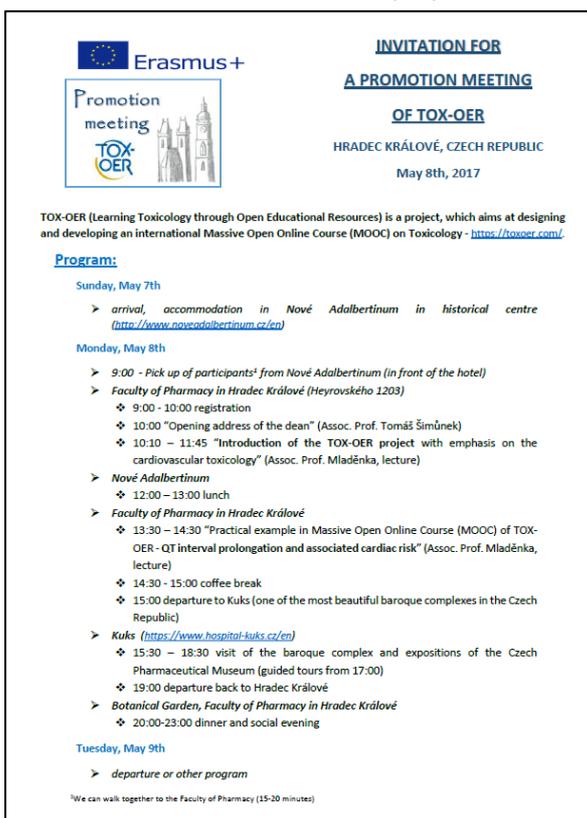
May 8th, 2017

(Project No. 2015-1-ES01-KA203-015957, principal investigator Prof. Ana Morales, University of Salamanca, Spain)

On May 8th, 2017 the Promotion Meeting of TOX-OER project was held at the Faculty of Pharmacy, Charles University in Hradec Králové (Czech Republic). The main aim of this Multiplier Event was a promotion campaign of the TOX-OER project and its extension to non-partner strategic countries and also to Czech institutions other than Charles University.

Invitation to the Promotion Meeting

This Promotion Meeting was announced in advance to potential participants from both the Czech Republic and other countries. These professionals and academics that could have been interested were informed via e-mails, letters and personal contacts. All potential participants also received a Preliminary program of the Promotion Meeting (see Figure 1) and general information about the TOX-OER project.



The image shows a printed invitation card. At the top left is the Erasmus+ logo and the text 'Erasmus+'. Below it is a graphic with 'Promotion meeting' and 'TOX-OER' logos. To the right, the title reads 'INVITATION FOR A PROMOTION MEETING OF TOX-OER' followed by 'HRADEC KRÁLOVÉ, CZECH REPUBLIC' and 'May 8th, 2017'. The main text describes the TOX-OER project and provides a detailed program for Sunday, Monday, and Tuesday.

TOX-OER (Learning Toxicology through Open Educational Resources) is a project, which aims at designing and developing an international Massive Open Online Course (MOOC) on Toxicology - <https://toxooer.com/>.

Program:

Sunday, May 7th

- > arrival, accommodation in *Nové Adalbertinum* in historical centre (<http://www.novoadalbertinum.cz/en>)

Monday, May 8th

- > 9:00 - Pick up of participants¹ from *Nové Adalbertinum* (in front of the hotel)
- > Faculty of Pharmacy in Hradec Králové (Heyrovského 1203)
 - ❖ 9:00 - 10:00 registration
 - ❖ 10:00 "Opening address of the dean" (Assoc. Prof. Tomáš Šimůnek)
 - ❖ 10:10 - 11:45 "Introduction of the TOX-OER project with emphasis on the cardiovascular toxicology" (Assoc. Prof. Mladěnka, lecture)
- > *Nové Adalbertinum*
 - ❖ 12:00 - 13:00 lunch
- > Faculty of Pharmacy in Hradec Králové
 - ❖ 13:30 - 14:30 "Practical example in Massive Open Online Course (MOOC) of TOX-OER - QT interval prolongation and associated cardiac risk" (Assoc. Prof. Mladěnka, lecture)
 - ❖ 14:30 - 15:00 coffee break
 - ❖ 15:00 departure to Kuks (one of the most beautiful baroque complexes in the Czech Republic)
- > *Kuks* (<https://www.hospital-kuks.cz/en>)
 - ❖ 15:30 - 18:30 visit of the baroque complex and expositions of the Czech Pharmaceutical Museum (guided tours from 17:00)
 - ❖ 19:00 departure back to Hradec Králové
- > *Botanical Garden, Faculty of Pharmacy in Hradec Králové*
 - ❖ 20:00-23:00 dinner and social evening

Tuesday, May 9th

- > departure or other program

¹We can walk together to the Faculty of Pharmacy (15-30 minutes)

Figure 1. Invitation for a Promotion Meeting of TOX-OER

The Promotion Meeting was also announced on the web-page of Faculty of Pharmacy (Charles University) and on the web-page of the TOX-OER project (see Figure 2).

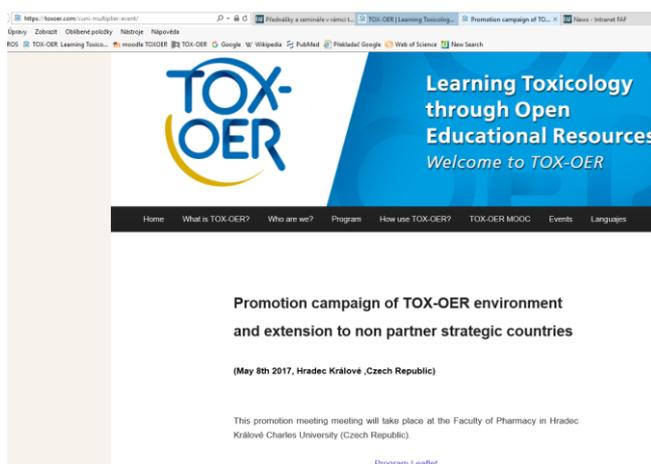


Figure 2. Invitation to a Promotion Meeting of TOX-OER on the web-page of the TOX-OER project

Participants in the Promotion Meeting

The Promotion Meeting was attended by 37 participants – 17 from the Czech Republic and 20 from other, mostly European countries. Specifically, there were 5 Czech and 18 foreign university teachers and researchers including one vice-dean (University of Ljubljana), 4 Czech secondary school teachers including one vice-director, 6 Czech and one foreign health care professionals (pharmacists, physicians and one paramedic), one Czech and one foreign university staff worker (Erasmus organizers) and one pharmaceutical company director (Caymanpharma, Czech Republic). Participating countries and institutions are summarized in Tables 1 and 2.

Table 1. Participants from non-partner strategic countries

Country (alphabetical order)	Institution	Number of participants
Bosnia and Herzegovina	University of Sarajevo	2
Estonia	University of Tartu	2
France	University of Lorraine-CNRS, Nancy	1
Germany	Saarland University, Saarbrücken	1
Italy	Università degli Studi di Roma "Tor Vergata"	1
Italy	University "G. d'Annunzio" Chieti	1
Lithuania	Lithuanian University of Health Sciences, Kaunas	2
Pakistan	Allied Hospital Faisalabad and District Headquarter Hospital Faisalabad	1
Poland	Jagiellonian University Krakow	2
Poland	University of Silesia in Katowice	1
Portugal	University of Coimbra	1
Slovak Republic	Comenius University Bratislava	2
Slovenia	University of Ljubljana	3

Table 2. Participants from the Czech Republic

Country	Institution	Number of participants
Czech Republic	Caymanpharma	1
Czech Republic	Czech Pharmacy Chamber (pharmacists)	4
Czech Republic	Emergency Medical Service Pardubice	1
Czech Republic	Episcopal Grammar School in Hradec Králové (teachers of biology)	2
Czech Republic	Faculty Hospital Hradec Králové	2
Czech Republic	Faculty Hospital Pilsen	2
Czech Republic	Medical College and secondary Medical School in Hradec Králové	2
Czech Republic	Pro.Med.CS clinical research	1
Czech Republic	University of Chemistry and Technology, Prague	2
Czech Republic	University of Hradec Králové	2
Czech Republic	University of South Bohemia, České Budějovice	1

The event was also attended by 7 guests from institutions participating in the TOX-OER project (Universities of Bologna, Porto and Salamanca) and by students of Faculty of Pharmacy (Charles University, Czech Republic).

Lists of all participants financed through the project are provided in the Supplement.

Time course of the Promotion Meeting

The event started at 9:00 a.m. by registration of the participants. All attendees received the program of the meeting, a conference badge, and meeting accessories (a folder with papers and a pen with a logo of the project).

At 10:00 a.m., the Promotion Meeting was launched by the Opening address of the dean (Assoc. Prof. Tomáš Šimůnek) during which all participants received welcome to the Faculty of Pharmacy. At 10:10 a.m., the TOX-OER project was introduced by Assoc. Prof. Přemysl Mladěnka, who explained the main aims of the project and principles of the ERASMUS+ Key Activity 2 (KA2) type project Strategic partnership first. Short introduction to MOOC (massive open access courses), and the concept of creative commons were also given. Thereafter, the leaders and other important experts involved in the projects were introduced with emphasis on their areas of expertise and their roles in the project. A syllabus of the TOX-OER project was presented, and its structure shown with emphasis on the meaning of the modules, topics and units. At the end, the structure of the accomplished cardiovascular part (chapter 5.1 in TOX-OER moodle) was also described including examples of prepared materials and self-evaluating and final tests of both simple and a more complex version.

After lunch, at 1:30 p.m., there was a commented practical demonstration of MOOC focused on one part of the cardiovascular toxicology (QT-interval prolongation) took place. During the Promotion Meeting, the attendees were encouraged to spread information about the project among both professionals and students.

After this practical demonstration of MOOC, the participants were invited to visit the baroque complex in Kuks with exposition of the Czech Pharmaceutical Museum. From 8:00 p.m., a dinner and a social evening took place at the Botanical Gardens of the Faculty of Pharmacy. The discussion of the project and promotion and possible extension of the project in the future took place both during the visit and social evening. Apparently, the idea of the project extension was welcome by many participants in particular from countries non-participating in the project at the time being (e.g. Lithuania, Bosnia, Slovenia).

Evaluation of the Promotion Meeting

This Promotion Meeting was evaluated via questionnaires handed out to the attendees. All attendees were given the same questionnaire. The questionnaire was anonymous and voluntary. We received 48 completed questionnaires, in a few cases not all questions were answered. The evaluations were generally positive, the results are summarized in Figures 3 and 4.

Figure 3. Questionnaire regarding the TOX-OER project

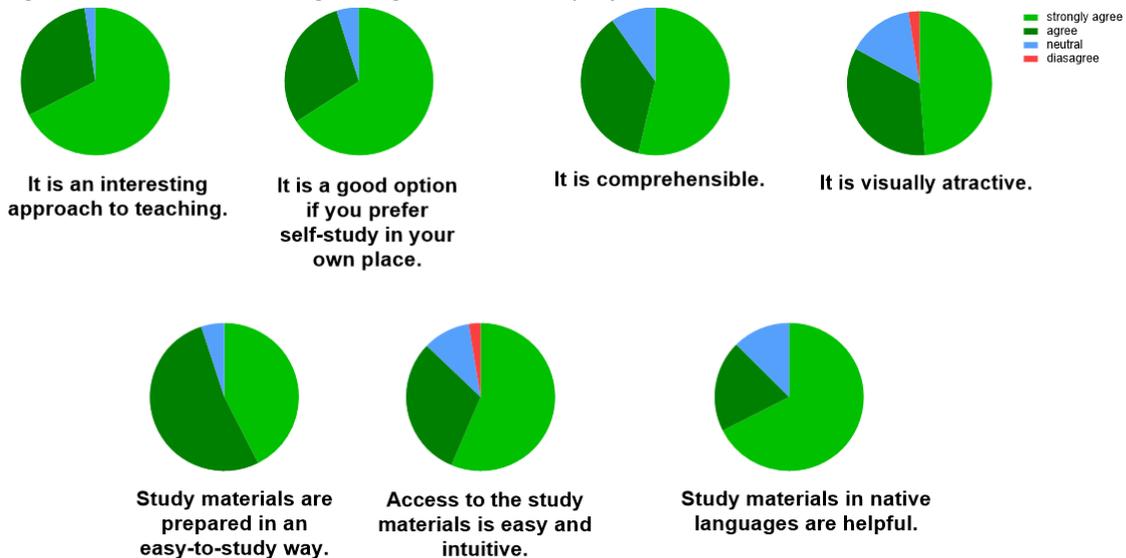


Figure 4. Questionnaire regarding the Promotion meeting



The attendees could also make comments on the following questions:

1. Which aspects of the Tox-oer project do you consider the best?
2. What would you improve or change in the Tox-oer project?
3. What is your overall impression of the Promotion meeting in Hradec Králové?

These comments were generally very positive and challenging for the next TOX-OER project development. The attendees most often appreciated the study materials accessible in different languages and very well understandable animations. The open access was viewed as a very positive point of the project. Some participants recommended a combining of this online learning and traditional teaching. The Promotion Meeting overall impressions were positive or very positive in all cases.