



# e-Bug in the Czech Republic



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## Why is the Czech Republic involved in the e-Bug project:

- In the nineties antibiotic consumption increased rapidly
- More than 50% of antibiotics are prescribed unnecessarily
- There is NO public campaign about risk of ATB resistance in our country
- Our survey from 2008 revealed a very low respondent's knowledge about the possibilities of effective primary and secondary prevention of infectious diseases.



## How we implemented e-Bug in the Czech Republic:

- In 2008 we were a part of the evaluation team (together with England and France)
- The Department of Health and the Department of Education supported e-Bug in the Czech Rep.
- In 2010 we distributed more than 8000 e-Bug manuals to ALL schools in our country
- Teachers in elementary schools were informed about e-Bug project from regional Bureaus of Educations and from the Teachers' Gazette (Učitelské noviny). We also informed them in main teachers' conferences.
- In 2014-2015 the interactive e-Bug science road show has been delivered in all Faculties of Education and educational festivals across the Czech Republic.
- In 2015 we also demonstrated e-Bug project to deaf children in special Prague schools

## NEW RESEARCH 2013/2015:

- We asked 98 elementary schools from all regions in the Czech Republic and students from Faculties of Education what do they know about e-Bug:

### RESULTS:

- The e-Bug know 78.9% of surveyed elementary schools and 84.5% of students
- e-Bug manuals use 73.7% of surveyed elementary schools and will use as a textbook 98% of students
- Primary prevention of infectious diseases taught 81.9% of schools
- Proper hand washing methods, principles of prevention of respiratory infection and gastrointestinal problems teaches 90% of all schools
- Principles of safe sex and hygiene during menstruation teaches only 50% of them
- 79.2% of schools teach students about vaccination

## What challenges we faced and how we overcome them:

We would like to increase use in elementary and high schools and Faculties of Education

- Promote e-Bug via road show and the Departments of Health and Education and teacher conferences
- Complete the translation of Czech e-Bug website (for elementary and high schools)
- Present work at meetings and conferences

## What do we want from e-Bug in the future:

- Cooperate with colleagues from European and other countries
- The possibility to publish our results together
- Work on new versions of e-Bug (for high schools and for kindergartens)