

# Improved Medical Education in Basic Sciences for Better Medical Practicing

## *ImproveMED*

Opening conference June, 14th 2017

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# General data

- Interreg V-A Hungary-Croatia Co-operation Programme, 2014-2020
- 4.1.1. Co-operation in higher education
  
- Total project budget: 218,202.00 Euros; LB-95,298.00 E, B1-122,820.00 E
  
- Duration: 16 months: 12 June 2017- 11 October 2019
- LB- University Josip Juraj Strossmayer Osijek
- B1- University of Pecs
- Supporting stakeholder: Hrvatsko društvo fiziologa; Hrvatski liječnički zbor-podružnica Osijek

# The purpose of ImproveMEd

- to increase the competences of the medical professionals by preparation ***of joined educational postgraduate specialist training program in basic medical sciences,***
- by providing advanced theoretical and practical laboratory training for health care professionals (either in direct contact with patients or the ones from clinical laboratories).

# Major objectives of ImproveMEd project:

- 1) **mutual transfer of knowledge** between partners to help synergic capacity building in basic biomedical education relevant for clinical medical practice (training of course developers)
- 2) **the development of joint study program and intellectual infrastructure at both sides** for sustainable collaboration (course materials, laboratory equipment)
- 3) **teaching by doing, learning by doing-** transforming laboratory practice to clinical thinking (laboratory training in the frame of pilot course)
- 4) **strengthening of international recognition and position of both partner educational institutions** (by finalizing the whole curriculum of the postgraduate specialist training program in basic medical sciences for accreditation at university levels and prepared for open enrollment in the next academic years- important for sustainability of the project.

# Location, duration, target groups, roles of partners:

- Project will take place in both universities of UNIOS and PTE during 16 months.
- Targeted groups:
  - Directly - university teachers course developers and trainers (20);
  - students which will undertake training (app 30) and
  - Indirectly - patients benefiting from increased competencies of the trained health care professionals (app 3000 beds in both teaching hospitals) and students of our other program which will be educated by our newly trained (app 1500 per year for both side).

# Expected outputs and results

- 1) Training courses developed and delivered, in written and online materials in 3 languages in advanced courses in physiology, immunology and microbiology, biochemistry, system biology, pharmacology, experimental epidemiology, biostatistics and bioinformatics, anatomy and histology, laboratory good practice and trainings for developers
- 2) educational premises upgraded with technical equipment
- 3) participants in joint education and training schemes

# Courses materials

- Overall, courses materials will have the weight of 60 ECTS and will be prepared for accreditation at the level of the universities as postgraduate specialist program in basic medical sciences, appropriate for people who finished 3+2 (pre-graduate and graduate) program in life sciences, general medicine and health sciences (e.g. MDs, Ms in medical laboratory diagnostics, Master in biology, Master in biotechnology and engineering and similar).

# Cross-border character and benefit:

- all activities which are jointly performed are equally distributed and both institutions participate.
- The resulting joint study program will be open online for potential applicants from both side of the border





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# Project activities



- Project administration and management (UNIOS, PTE)
- Information and publicity (UNIOS, PTE)
- Opening conference and kick-off meeting (UNIOS)
- Developing course materials (UNIOS, PTE)
- Workshop on development of course materials (PTE)
- Laboratory training of students (UNIOS, PTE)
- Closing conference (PTE)
- Web page development and maintenance (UNIOS, PTE)
- Purchasing laboratory equipment (UNIOS)
- Translation of the course materials (PTE)



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- <http://improved.unios.hr>