




University of Medicine and Pharmacy of Tîrgu-Mureş (RO)

Name of the organisation :	University of Medicine and Pharmacy of Tîrgu-Mureş, Romania	
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Type of organisation:

SME School University Public Authority
 Training No Profit NGO

Fields of action :

SMEs Youth Universities Public Authorities
 Equal opportunities Schools Unemployed

Description of the organisation

The University of Medicine and Pharmacy (UMPh) of Tirgu Mures is a public higher education institution with a history of over 70 years of medical education, among the top three medical universities from Romania and the only one with studies in other local languages (Hungarian line), besides international programmes in English. It currently functions with 3 Faculties: Faculty of Medicine, Faculty of Dental Medicine and Faculty of Pharmacy with undergraduate, MA and PhD studies as well as residency and post-graduate medical studies. The following programmes function within the Faculty of Medicine: General Medicine, Nursing, Nutrition and dietetics, Balneo-physiokineto-therapy and Physical Education. The Faculty of Pharmacy includes Pharmacy, Pharmacy Assistant and Medical Cosmetics programmes, whereas Faculty of Dental Medicine includes Dental medicine and Dental Technician programmes. Master studies within the three faculties are: Physical therapy and rehabilitation, Clinical Laboratory, Clinical and Community Nutrition, Prosthetic technologies and implants, Drug and Environment Quality, Cosmetology and dermopharmacology.

UMPh has a total number of 5500 students in full-time undergraduate and Master programmes plus doctoral students and residents, of which about 50 residents in Paediatrics (10 per year in a 5 year-rotation programme), and about 500 teaching staff of which 51 PhD coordinators including Pediatrics. Over 60 postgraduate courses take place every year, with 4 (in 2016) in pediatrics and neonatology. The University works in cooperation with Mures Clinical Emergency Hospital (over 3500 beds), most doctors having both academic and clinical appointments. This medical-educational tandem facilitates students' acquisition of practical skills during practical instruction and clinical stages while anchoring and substantiating medical research.

The international dimension of the university is given by the General Medicine and Dental Medicine programmes offering full-time tuition in English with students from European (Italy, Belgium, Germany, France, England, Greece) and world countries (Africa, Asia, USA).

Pediatrics is taught to all undergraduate students in Medicine and Dental Medicine during the 5th (penultimate) year and Puericulture in the 4th year of their formal medical education according to an internationally benchmarked curriculum. These students can also choose to enrol in the optional course in Neonatology whereas Nursing students study the Pediatrics-related course: Mother and Newborn care. Every year, about 70 undergraduate medical students in different stages of their medical education perform summer practice in the Pediatrics Clinic I of Tirgu Mures Clinical Hospital. These students form part of the target group of the current project.

Department M4 of the University of Medicine and Pharmacy Tirgu Mures (clinical medical sciences) includes 4 Paediatric Disciplines with a total of 24 teaching staff which will represent part of the target group of the project: Pediatrics I (7 teaching staff: 1 professor, 3 lecturers, 3 assistant professors), Pediatrics II (7 teachers: 1 associate professor, 3 lecturers, 3 assistant professors), Pediatrics III (6 teachers: 1 professor, 1 associate professor, 2 lecturers, 2 assistant professors), Pediatrics IV (4 teachers: 1 associate professor, 1 lecturer, 2 assistant professors). The teaching staff are involved in Pediatrics lectures, practical applications and clinical stages and have published course-books, workbooks and online resources that are made available through the university virtual learning platform

About 10 new graduates pursue residency in pediatrics, with a total of about 50 residents (also project target group), rotating in the pediatrics scheme coordinated by Prof. Marginean. The teaching staff have basic training, PhD and post-doctoral studies, professional skills and competences in paediatrics, are published authors of books, course-books and research papers and have presentations at international and national scientific events. They are members in national and international societies of paediatrics as well as organizers of workshops and international symposia (e.g. the 11th National Congress of Paediatrics with international participation, Sept.25-28, 2013).

Within this context, a comprehensive, hard but also soft skills-based, patient-centered medical education starting from the level of undergraduate and resident students would represent the added value for providing excellent paediatric care, maintaining productive relationships with parents, and enhancing patient and physician satisfaction.

Experience of the organization in previous European projects

EU Programme	Year	Project Identification or Contract Number	Applicant/Beneficiary Name
LLP 2007-2013	2011	519184-LLP-1-2011-1PL-KA2-KA2MP	Standem Annamaria Gyorf
CEEPUS	2013	CIII-RO-0010-08-1314	Teaching and Learning Bioanalysis Gabriela Donath Nagy
FP7 Health	2013.		
Innovation-1	2014	SEP-210081757	Theodora Benedek

Experience and Expertise of the organization in the project's subject area

The University of Medicine and Pharmacy of Tirgu Mures has a long-standing experience in forming competent graduates in the field of medicine, residents and specialists in the field of paediatrics. The teaching staff have a solid professional background, are internationally-published authors of books and scientific research papers, members of national and international societies in paediatrics. The university provides students of medicine with high standards of cognitive and practical abilities in the field of medicine in general and of paediatrics in particular.

Contributions that can be provided to the project

University of Tirgu Mures (RO) is the project coordinator and together Pixel (IT), will take care of the transnational management of the project activities.

University of Tirgu Mures will cooperate with the other project partners in the development of the 3 intellectual outputs and will be coordinating the testing activities with paediatricians. We will organise a multiplier event in order to mainstream the Intellectual outputs produced and will contribute to the project dissemination and exploitation, spreading the information about the project and promoting the use of the Intellectual outputs.

Reasons of involvement in the project

The University of Medicine and Pharmacy is committed to the improvement of the paediatric education and training quality, including child-patient – paediatrician communication, in order to offer high-standard care to infants and child patients.

Addressing quality optimization of educational services in the field of paediatrics (trainers, students and residents), SoftisPed is part of a larger initiative involving the whole university, which began an extensive process of student-centered and competence-based curriculum reform for the students' better integration in health services. To this purpose, emphasis is on teaching integrated courses, CBL (case based learning), TBL (team based learning) as well as courses in communication skills.

Contact Person's Experience and Expertise

Professor Oana Marginean, PhD, is a senior in paediatrics, chief of Paediatric Clinic I, Head of Paediatric discipline of UMPh, Vice-president of Romanian Society of Paediatrics, residency and PhD coordinator, lecturer of Paediatrics, Vice-Rector of the University of Medicine and Pharmacy of Tirgu-Mures.

- Competences: paediatric gastroenterology, endoscopy and abdominal ecography.

Membership in professional societies: 1) European Society of Paediatric Gastroentreology, Hepatology and Nutrition, 2) European Society for Paediatric Infectious Diseases, 3) European Paediatric Association, 4) ESPEN, 4) Romanian Ministry of Health Paediatrics and Neonatology Committee, member in the Ministry of Health committee for nutrition guidelines in paediatrics.

- Research: 1) postdoctoral scholarship: Advanced research through post-doc programmes in fundamental and medical clinical sciences, POSDRU/89/1.5/S/60782, Qualitative and quantitative evaluation of healthy versus pathologic hepatic adipose tissue elasticity in children, with implications in oncologic diagnosis and transplantation. 2) School of advanced studies "Modern aspects of healthy versus sick children's nutrition – role of nutrigenomics, PN-II-Idei-SSA-2012-2-004.3)Project: Correlations between ecorigidity of caudate lobe and other liver lobes in real time in children using elastography, implications for liver transplantation ANCS project, Program PN II Capacities. 421/04.06.2010.

- Published books: Clinical cases in Paediatrics; Nutrition guide for the Neonate and toddler (2015); Paediatrics coursebook (2013); Updates in Paediatric Pathology, editor, Proceedings of the XIth Național Congress in Paediatrics(2013); Care and nutrition of newborns and toddlers (2012); Nutrition of healthy and sick children (2010), Abdominal ecography in children, 2008; Digestive endoscopy in children, 2008; Guidelines for differential diagnosis in paediatrics (2011); Lectures on general nursing (coursebook), 2005; Lectures on Paediatrics. Diseases of the digestive system (2004);

- Chapters in volumes. She has published in the field of paediatrics: 15 articles as main author in Impact factor ISI journals; 8 articles as main author and 13 as co-author in ISI journals; 22 articles as main author and 10 as co-author in IDB-indexed Journals, 285 papers published and presented in national/international journals, conferences, habilitation (2014): Past and present in paediatric gastroenterology.

Anisoara Pop, PhD in Applied Linguistics, Associate Professor of English, is head of the Foreign Language Department and holds certificates for teaching and communicating in English for specific purposes, Homerton College Cambridge (2010) and employment of new technologies in communication, Lake School Oxford (2010). She has published papers on communicating with Emerging technologies using voice tools, and moderated international online courses for professional development (Becoming a Webhead 2009, 2010, 2011 and 2012 EVO TESOL USA) She employs virtual learning platforms (Edmodo, wikipedia, blogs) and can master Web 2.0 online communication tools and conduct Google Hangout meetings. She has presented at international conferences (Varna,Vienna, Ankara, Britain, Spain).

- She is the recipient of international grants in the fields of ESP communication, use of new technologies and project planning: Exploratory workshop -TOEFL Board – New Jersey, USA Strategies for Maximizing the Quality Standard in Higher Education ESP (2009) ; BESIG-IATEFL: Text and voice tools to maximize the students' writing and talking time. Poland; Learning Curves: Making Use of New Technologies in English Language Teaching, Oxford Lake School, United Kingdom, Contract 65/16.03.2010; GRU-10-VISA-6-MS-ES, TESOL Spain, Effective Bridging with Social Networking Speaking Tool, Contract 64/08.03.2010; GRU-10-MOF- 48 - MS - UK Bell International, Cambridge, United Kingdom, Contract 84/17.05.2010; WR Lee Grant of IATEFL, United Kingdom: Integrating Asynchronous Writing and Speaking Tools for EFL Learning Optimisation; European Project Planning – GRU-11-MOF-93-MS-IT, Florence, Italy, Contract 175/01.08.2011.

- Research activity : 3 books, 2 books as editor, 4 coursebooks for teaching Medical English, creation of virtual platforms for Medical English, over 30 research papers on exploitation of emerging technologies in ESP communication in ISI proceedings, 22 papers in journals indexed in International Databases.

- Organizer of International conferences and symposia: 2009 (Quality standard in higher education) and 2015 (Trends in Medical Language teaching and learning).