

The University of Pécs Medical School (UPMS) announces the following training for graduated nurses (bachelor of nursing sciences) and medical doctors for the years of 2012:

Training in Tropical medicine for Medical doctors and nurses with higher education / bachelor's degree/ :

- a. ***The concept:*** Recent trends in the more frequent appearance of tropical diseases in EU and other industrialized countries due to increased travel and the migration pressure from developing countries, prompted the Health Authorities to promote knowledge of health personnel on this field. The “market value” of such knowledge is on the verge of increasing worldwide due to the need to recognize such diseases in unusual places, countries, or to attend those patients in different missions or in migrant communities. Instead of organizing slideshows of tropical conditions and diseases, our cooperating institutes (UPMS), decided to organize onsite training course for medical doctors & nurses who are interested to discover a new knowledge and skill in a different culture, with different facilities, minimal resources.
- b. ***The structure:*** The onsite training course will last for nine weeks and will end with an examination. The course contains 180 contact hours and 90 bedside/laboratory practice with four external teaching, including one refugee camp. The course starts every day from Monday to Friday at 9AM till 13PM with lectures and 14-16 PM with clinical/laboratory practice. For the nurses participating at the course, a separate, interactive tuition is organized between 9AM and 13PM. The afternoon teaching session is common with the doctors. The course is accredited in Hungary with 50 CME points and accepted in other EU countries.
- c. ***Technical information:*** The site of the training course is Kenya, Eldoret town, Moi Teaching and Referral Hospital. The proposed time and duration of the course is Sept. 3 – Nov. 2 for 2012. Participants will be lodged in a rented house and in a local Guest House (Gracemont Guest House). Transport will be provided daily to the site and back of the training.
- d. ***Financing:*** Tuition fee of the course for the nine weeks is 2500€/person, which cannot be split, or reimbursed, if someone decides to withdraw within 2 weeks before starting the course. The amount can be reimbursed, if someone, due to serious reason, is not able to participate, cannot travel to the site, etc. The amount must arrive min. of 3 weeks before the beginning of the training course to the bank account of UPMS. Other costs: travel arrangements are individually organized. International flights from EU to Nairobi and back is @ 800-1000 € depending on the carrier. From Nairobi to Eldoret and back local flights are available in the morning and evening for @ 130 USD. Lodging at the Gracemont Guest House is @ 35€/person/day for the single room, which includes breakfast, and washing. The rooms have hot shower, internet and TV. If students want to share rooms, the price is cheaper. At the rented house the rooms with a separate bath room with hot shower and internet will cost @ 10€/person/day. In the house everybody cares for himself/herself. Cooking facilities and wash machine is available. The average cost for daily expenditures can be calculated as 10-15€/person/day. Participants are expected to buy *individual insurance*, which includes health, accident, loss of life, loss of property, emergency evacuation, etc.
- e. ***Other information, requirements:*** The minimum number of participants is **15**, the maximum is **25**. Below **15**, the course cannot be started and the tuition fee will be reimbursed for those, who paid already. In the case of high demand, the students can be enrolled for the next year, or parallel training courses can be organized. Visa for entry (as tourist visa) can be obtained at the airport (50USD/visa)
- f. ***Application:*** The websites of our institutions will have an application form to fill with all the necessary information. Applications must arrive before the 1-st of July 2012.

TIME TABLE: TRAINING IN TROPICAL MEDICINE, ELDORET, KENYA, 3. Sept. – 2. Nov. for 2012.												
Date	9h-9h45	Lecturer	10h10h45	Lecturer	11h11h45	Lecturer	12h-12h45	Lecturer	12h45-14h	14h-16h		
Monday 3. Sept. 2012	The challenge working in tropical countries	Prof. Ternak	The role of traditional healers in tropical countries	Omar Egesa/ Harrison Mathya	General approach to the patients, ethical issues, working with limited resources	Prof. Mengech	Special considerations on physical examination	Prof. Ternak	Lunch	Ward rounds, patient's presentation	First week	
Tuesday 4. Sept. 2012	Gastrointestinal diseases in tropical countries: overview	Dr. Nyabundi	Bacterial infections: cholera	Dr. Nyabundi	Bacterial infections: salmonellosis gastroenterit.	Dr. Nyabundi	Enteric fever (typhoid, paratyphoid A, B)	Dr. Nyabundi	Lunch	Ward rounds, patient's presentation		
Wednesday 5. Sept. 2012	Toxin-mediated diseases: food poisonings	Prof. Ternak	Toxin-mediated diseases: tetanus, botulism	Prof. Ternak	Venomous stings and bites 1.	Prof. Ternak	Venomous stings and bites 2.	Prof. Ternak	Lunch	Ward rounds, patient's presentation		
Thursday 6. Sept. 2012	Malaria: epidemiology, pathophysiology, transmission	Dr. Ogutu/ Prof. Esamai	Malaria: clinical manifestation	Dr. Ogutu/ Prof. Esamai	Complicated malaria	Dr. Ogutu/ Prof. Esamai	Treatment and prophylaxis of malaria	Dr. Ogutu/ Prof. Esamai	Lunch	Case presentations, problem based learning, small group consultations		
Friday 7. Sept. 2012	Visiting Malaria Resarch Centre, KISUMU											
Saturday 8. Sept. 2012												
Sunday 9. Sept. 2012												
Monday 10. Sept. 2012	Intestinal parasitic infections: Round worms	Prof. Ternak	Ascariasis, ancylostomiasis, trichinellosis, others	Prof. Ternak	Fluke infections: epidemiology, life cycle	Prof. Ternak	Liver flukes, lung flukes	Prof. Ternak	Lunch	Ward rounds, patient's presentation	Second week	
Tuesday 11. Sept. 2012	Cestodes: Tapeworms	Prof. Ternak	Entamoeba histolytica 2. (extra intestinal manifestation)	Dr. Nyabundi	Intestinal protozoan infections	Dr. Nyabundi	Chronic diarrheal diseases in the tropics	Prof. Ayuo	Lunch	Ward rounds, patient's presentation		
Wednesday 12. Sept. 2012	Entamoeba histolytica 1. (intestinal manifestations)	Dr. Nyabundi	Hydatid diseases, cysticercosis	Dr. Anjichi	Schistosomiasis: Epidemiology, life circle	Dr. Mugalo	Schistosomiasis: Clinical picture, complication and treatment	Dr. Mugalo	Lunch	Parasitological diagnosis, laboratory demonstration		
Thursday 13. Sept. 2012	Blood in the stool: differential diagnosis	Dr. Nyabundi	Shigellosis	Dr. Nyabundi	Campylobacter, E. coli, yersiniosis	Dr. Nyabundi	Entamoeba histolytica infection (biology, epidemiology)	Dr. Nyabundi	Lunch	Parasitological diagnosis, laboratory demonstration		

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Friday 14. Sept. 2012	Respiratory diseases in the tropics	Dr. Diero	Pneumonia, atypical pneumonias	Dr. Diero	Pulmonary tuberculosis: bacteria, epidemiology, surveillance	Dr. Diero	Clinical manifestation of the TB	Dr. Diero	Lunch	Case presentations, problem based learning, small group consultations	
Saturday 15. Sept. 2012											
Sunday 16. Sept. 2012											
Monday 17. Sept. 2012	Extrapulmon. tuberculosis, treatment (DOT) Other mycobacterial lung infections	Dr. Diero	Asthma and other pulmonary syndromes	Dr. Lagat	Cardiovascular diseases in the tropics: general considerations	Dr. Barasa	Primary cardiovascular diseases: endomyocardial fibrosis, peripartum cardiac failure	Dr. Barasa	Lunch	Case presentations, problem based learning, small group consultations	
Tuesday 18. Sept. 2012	Neurological diseases: general considerations, epidemiology	Dr. Oduor	Meningitis: etiology epidemiology	Dr. Barasa	Viral meningitis, bacterial meningitis, other etiologies	Dr. Oduor	Encephalitis, neuritis, prion diseases: Rabies and rabies-like diseases, Japanese B encephalitis, poliomyelitis, kuru	Dr. Oduor	Lunch	Case presentations, problem based learning, small group consultations	
Wednesday 19. Sept. 2012	Diseases of the hepatobiliary tracts: general considerations	Prof. Ayuo	Noninfectious diseases: Bantu siderosis, veno-occlusive disease, indian childhood cirrhosis, toxic hepatic injuries (alcohol, aflatoxin)	Prof. Ayuo	Primary viral hepatitis in the tropics	Prof. Ayuo	Chronic hepatitis: epidemiology, treatment possibilities	Prof. Ayuo	Lunch	Case presentations, problem based learning, small group consultations	
Thursday 20. Sept. 2012	Ophthalmological disorders: general consideration, epidemiology	Dr. Odede	Painful red eye: differential diagnosis, inclusion conjunctivitis	Dr. Odede	Blindness in the tropics: differential diagnosis, trachoma, river blindness	Dr. Odede	Chronic ophthalmic disorders	Dr. Odede	Lunch	Case presentations, problem based learning, small group consultations	
Friday 21. Sept. 2012	Sexually transmitted diseases: epidemiology, general consideration	Prof. Ayaya/ Prof. Were	Syphilis (Treponema pallidum infections)	Prof. Ayaya/ Prof. Were	Non-venereal treponematoses	Prof. Ayaya	Differential diagnosis of vaginal discharge & male urethritis	Prof. Were	Lunch	Case presentations, problem based learning, small group consultations	

Third week

Date	9h-9h45	Lecturer	10h10h45	Lecturer	11h11h45	Lecturer	12h-12h45	Lecturer	12h45-14h	14h-16h		
Monday 1. Oct. 2012	Protein-energy malnutrition: general considerations, marasmus	Prof. Ayaya	Kwashiorkor	Prof. Ayaya	Nutritional counselling	Nutritionist	General approach to child health care	Dr. Chumba	Lunch	Case presentations, problem based learning, small group consultations	Fifth week	
Tuesday 2. Oct. 2012	Infectious diseases of childhood: diphtheria	Dr. Chumba	Infectious diseases of childhood: measles	Dr. Chumba	Infectious diseases of childhood: scarlat fever, rubella, pertussis	Dr. Chumba	Infectious diseases of childhood: varicella, monkey pox, pox virus diseases	Dr. Chumba	Lunch	Case presentations, problem based learning, small group consultations		
Wednesday 3. Oct. 2012	Infectious diseases of childhood: parotitis epidemica, infections of the oral cavity	Dr. Chumba	Prevention and control of childhood epidemics, vaccines	Dr. Chumba	Prenatal counselling	Dr. Chumba ?	Prenatal counselling	Dr. Chumba?	Lunch	Case presentations, problem based learning, small group consultations		
Thursday 4. Oct. 2012	Leishmaniasis: epidemiology, parasitology, global spreading of the disease	Dr. Nyabundi	Cutaneous, mucocutaneous leishmaniasis	Dr. Nyabundi	Visceral leishmaniasis	Dr. Nyabundi	Treatment of Leishmaniasis	Dr. Nyabundi	Lunch	Case presentations, problem based learning, small group consultations		
Friday 5. Oct .2012	Visiting Leishmania Centre in Baringo											
Saturday 6. Oct. 2012												
Sunday 7. Oct. 2012												
Monday 8. Oct. 2012	Hematologic diseases in the tropics: general considerations	Dr. Ternak	Anaemia in the tropics	Dr. Ternak	Haemoglobin disorders. Sickle cell disease	Dr. Ternak	Thalasseмии, nutritional deficiencies	Prof. Ternak	Lunch	Case presentations, problem based learning, small group consultations	Sixth week	
Tuesday 9. Oct. 2012	African trypanosomiasis: epidemiology, parasitology	Dr. Sugut	West african trypanosomiasis, East african trypanosomiasis	Dr. Sugut	Treatment possibilities in trypanosomiasis	Dr. Sugut	South-american trypanosomiasis: Epidemiology, parasitology Chagas' disease	Prof. Ternak	Lunch	Case presentations, problem based learning, small group consultations		

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Wednesday 10. Oct. 2012	Filarial infections: epidemiology, microbiology Wuchereria bancrofti, Brugia malayi infections Loiasis, onchocerciasis	Prof. Ternak	Dracuncula mediensis, other filarial infections Other tissue nematodes: gnathostomiasis, angiostrongyliasis, anisikiasis	Dr. Ternak	Infections of the skin and skin structures: classification, general considerations Pyoderma: impetigo, staphyloiderma, cellulitis, ectoparasites	Prof. Ayaya	Anthrax epidemiology, clinical pictures, treatment	Dr. Kamano	Lunch	Case presentations, problem based learning, small group consultations	
Thursday 11. Oct. 2012	Tropical ulcers, pyomyositis, gas-gangrene	Dr. Ongaro	Dengue and dengue haemorrhagic fever	Dr. Nyabundi	O'nyong nyong fever, Rift Valley fever	Dr. Lagat	EBV and cytomegalovirus infections in the tropics Human papilloma infections in the tropics	Dr. Lagat	Lunch	Case presentations, problem based learning, small group consultations	
Friday 12. Oct. 2012	Yellow fever	Dr. Anjichi	Lassa-fever, Ebola, Marburg viruses	Dr. Nyabundi	Disorders of the urogenital tracts in the tropics, general considerations, uroinfections	Dr. Mugalo	Nephrosis, nephritic syndrome in the tropics	Dr. Owino- Ong'or/ Dr. Owiti	Lunch	Case presentations, problem based learning, small group consultations	
Saturday 13. Oct. 2012											
Sunday 14. Oct. 2012											
Monday 15. Oct. 2012	Mycobacterium leprae infection: microbiology, epidemiology	Dr. Odawa	Clinical manifestation of leprosy: Lepromatosus leprosy Tuberculoid leprosy	Dr. Odawa	Transient forms of leprosy, lepra reactions, Diagnosis and differential diagnosis of leprosy	Dr. Odawa	Treatment of leprosy	Dr. Odawa	Lunch	Case presentations, problem based learning, small group consultations	Seventh week
Tuesday 16. Oct. 2012	Glanders (malleus), Melioidosis	Dr. Rokusz	Leptospirosis	Dr. Rokusz	Brucellosis	Dr. Rokusz	Tularemia	Dr. Rokusz			
Wednesday 17. Oct. 2012.	Pasteurella infections	Dr. Rokusz	Bartonellosis, oroya fever	Dr. Rokusz	Bartonellosis: cat scratch disease, angiomatosis	Dr. Rokusz	Plague: history, epidemics, microbiology	Dr. Rokusz			

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Thursday 18. Oct. 2012	Plague: reemerging infections, clinical picture, treatment	Dr. Rokusz	Relapsing fever (Borrelia recurrentis)	Dr. Rokusz	Emerging zoonotic diseases	Dr. Rokusz	Bioterrorism	Dr. Rokusz	Lunch	Case presentations, problem based learning, small group consultations	
Friday 19. Oct. 2012	Visiting Leprosy Clinic in the area of Kisumu										
Saturday 20. Oct. 2012											
Sunday 21. Oct. 2012											
Monday 22. Oct. 2012	Viral equine encephalitis	Prof. Ternak	Rocky-Mountain spotted fever	Prof. Ternak	Haemorrhagic fevers in South-America	Prof. Ternak	Rickettsial infections: epidemiology, general considerations Epidemic Louse- borne typhus,	Prof. Ternak	Lunch	Case presentations, problem based learning, small group consultations	Eights week
Tuesday 23. Oct. 2012	Tick-borne rickettsiosis, and other spotted fevers	Prof. Ternak	Rickettsialpox, schrub typhus, murine flea-borne typhus Trench fever, other rickettsial infections	Prof. Ternak	West-Nile fever, Chicungunya fever	Prof. Ternak	Ross river fever (Epidemic polyarthritis), Kyasnur forest disease	Prof. Ternak	Lunch	Case presentations, problem based learning, small group cons.	
Wednesday 24. Oct. 2012	Tissue myiasis	Prof. Ternak	Superficial dermal mycosis	Prof. Ternak	Subcutaneous and systemic mycosis, histoplasmosisblastomycosis	Prof. Ternak	Coccidioidomycosis and other systemic mycosis	Prof. Ternak	Lunch	Case presentations, problem based learning, small group consultations	
Thursday 25. Oct. 2012	Refugee problem & health issues among refugees in the tropics	Prof. Ternak	Organizing refugee camps 1.	Prof. Ternak	Organizing refugee camps 2.	Prof. Ternak	Providing health care for refugees within and outside the camp.	Prof. Ternak	Lunch	Case presentations, problem based learning, small group consultations	
Friday 26. Oct. 2012	Visiting Refugee Camp (Nakuru)										

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Saturday 27. Oct. 2012												
Sunday 28. Oct. 2012												
Monday 29. Oct. 2012	Tropical publ health and epidemiology 1.	Dr Jirina	Tropical publ health and epidemiology 2.	Dr Jirina	Tropical publ health and epidemiol 3.	Dr Jirina	Tropical publ. health and epidemiol4.	Dr Jirina	Lunch	Case presentations, problem based learning, small group consultations	Ninth week	
Tuesday 30. Oct. 2012	Summary of the course: Differential diagnosis of fever in the tropics	Prof. Ternak	Summary of the course: Differential diagnosis of fever and jaundice, hepatobiliary disorders	Prof. Ternak	Summary of the course: Differential diagnosis of fever and skin rashes	Prof. Ternak	Summary of the course: Differential diagnosis of fever, hepato-splenomegaly, eosinophilia	Prof. Ternak	Lunch	Case presentations, problem based learning, small group consultations		
Wednesday 31. Oct. 2012	EXAMINATION, PRACTICAL EXAMINATION								Lunch			
Thursday 1.Nov. 2012	DIPLOMA GIVING CEREMONY								Lunch	FARAWELL PARTY		
Friday 2. Nov. 2012	Departure to Nairobi											