

## Announcement of Training in Tropical Medicine in Africa

The University Of Pécs Medical School (UPMS, Hungary) announces the following training for medical students for 2012:

### Training in Tropical Medicine for Medical Students:

- a. **The concept:** Current trends in the spread and the appearance of tropical diseases in areas of the World, where previously they were not observed (like chikungunya fever, malaria, dengue, etc.), prompted Health Authorities to pay more attention to this ever increasing group of diseases. The curriculum of medical students in the EU countries do not pay much attention to the importance of those diseases, which can be easily imported by travelers or by migrants coming from third world countries. The UPMS decided to organize on site training courses in Africa, where the students would be able to see the real circumstances of the health care in a tropical country working with minimal resources, and to see, touch, perform physical examinations, take medical history of the patients and submerge in a totally different approach and culture to gain a better understanding and knowledge of diseases in the tropics, which is not similar, to participating at a slide show at home.
- b. **The structure:** The training course will last for *three weeks* and it contains 60 contact lectures (4/day), 30 lectures as practical/laboratory training with two external teaching options. The course will end with an examination. The teaching will start daily from Monday to Friday at 9AM till 13 PM with lectures, and from 2PM to 4PM with the practical training, which includes ward rounds, and laboratory practice, case demonstrations, etc. The UPMS provides 2x2 credit points for those, who completed the three weeks. Two credit points will be given if someone completed 2 weeks and performed an examination on the corresponding topics. The credit points are transferable between the universities. The curriculum of the course comprehensively covers the major diseases in the tropics and can be downloaded from the website.
- 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 June 25. – July 13 2012. Students 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 three weeks is 1200€/person, which can not be split, if someone decides to go home after 2 weeks. The amount can be reimbursed, if someone, due to serious reason, is not able to participate, cannot travel to the site. If he/she has already started the course, or the revoke of the participation is within 2 weeks from the beginning of the course, the tuition fee cannot be reimbursed. 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 course is organized for those students who completed microbiology, pharmacology and have some clinical knowledge also. The optimal student is, who completed the fifth year in their study and above (in their final year). The minimum requirement is the completion of the fourth year. The minimum number of students 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 till the 1-st of June.

# Training in tropical medicine for medical students

25. June – 13. July 2012. Eldoret town, Kenya

Moi Teaching and Referral Hospital

Date	9h-9h45	Lecturer	10h10h45	Lecturer	11h11h45	Lecturer	12h12h45	Lecturer	12h45-14	14h16h
Monday 25. June, 2012	The challenge working in tropical countries. General approach to the patients, ethical issues, working with limited resources Special considerations on physical examination	Prof. Ternak	Gastrointestinal diseases in tropical countries: overview Bacterial infections: cholera Shigellosis, campylobacter infections	Dr. Nyabundi	Bacterial infections: salmonellosis. Enteric fever (typhoid, paratyphoid A, B)	Dr. Nyabundi	Toxin-mediated diseases: food poisonings, botulism, tetanus	Prof. Ternak	Lunch	Ward rounds, patient's presentation
Tuesday 26. June, 2012	Venomous stings and bites	Prof. Ternak	Amoebiasis and other intestinal protozoonal infections	Dr. Nyabundi	Intestinal helminths: Roundworms Intestinal helminths: Tapeworms	Prof. Ternak	Flukes, Hydatid diseases, cysticercosis	Prof. Ternak	Lunch	Ward rounds, patient's presentation
Wednesday 27. June, 2012	Malaria: epidemiology, pathophysiology, transmission Malaria: clinical manifestation	Dr. Nyabundi	Complicated malaria Treatment and prophylaxis of malaria	Dr. Nyabundi	Leishmaniasis: epidemiology, parasitology, global spreading of the disease Cutaneous, mucocutaneous leishmaniasis	Dr. Nyabundi	Visceral leishmaniasis Treatment of Leishmaniasis	Dr. Nyabundi	Lunch	Ward rounds, patient's presentation

Thursday 28. June, 2012	Chronic diarrheal diseases in the tropics	Prof. Ternak	Schistosomiasis: Epidemiology, life cycle Schistosomiasis: Clinical picture, complication and treatment	Dr. Nyabundi	Filariasis (lymphatic)	Prof. Ternak	Filariasis (nonlymphatic)	Prof. Ternak	Lunch	Case presentations, problem based learning, small group consultations
Friday 29. June, 2012	Visiting leishmania centre at Baringo									
Saturday 30. June, 2012										
Sunday 1. July, 2012										
Monday 2. July, 2012	Respiratory diseases in the tropics Pneumonia, atypical pneumonias	Dr. Diero	Pulmonary tuberculosis: bacteria, epidemiology, surveillance	Dr. Diero	Clinical manifestation of the TB	Dr. Diero	Extrapulmon. tuberculosis, treatment (DOT) Other mycobacterial lung infections	Dr. Diero	Lunch	Ward rounds, patient's presentation
Tuesday 3. July, 2012	Asthma and other pulmonary syndromes in the tropics	Dr. Lagat	Cardiovascular diseases in the tropics: general considerations	Dr. Barasa	Primary cardiovascular diseases: endomyocardial fibrosis, peripartum cardiac failure	Dr. Barasa	Neurological diseases: general considerations, epidemiology Meningitis: etiology epidemiology	Dr. Oduor/ Dr. Barasa	Lunch	Ward rounds, patient's presentation

Wednesday 4. July, 2012	Viral meningitis, bacterial meningitis, other etiologies Encephalitis, neuritis, prion diseases: Rabies and rabies-like diseases, Japanese B encephalitis, poliomyelitis, kuru	Dr. Barasa Dr. Oduor	Diseases of the hepatobiliary tracts: general considerations Noninfectious diseases: Bantu siderosis, veno-occlusive disease, indian childhood cirrhosis, toxic hepatic injuries (alcohol, aflatoxin)	Prof. Ayuo	Primary viral hepatitis in the tropics Chronic hepatitis: epidemiology, treatment possibilities	Prof. Ayuo	Ophthalmological disorders: general consideration, epidemiology Painful red eye: differential diagnosis, inclusion conjunctivitis, blindness	Dr. Odede	Lunch	Parasitological diagnosis, laboratory demonstration
Thursday 5. July, 2012	Mycobacterium leprae infection: microbiology, epidemiology Clinical manifestation of leprosy: Lepromatosus leprosy Tuberculoid leprosy	Dr. Odawa	Transient forms of leprosy, lepra reactions, Diagnosis and differential diagnosis of leprosy Treatment of leprosy	Dr. Odawa	Sexually transmitted diseases: epidemiology, general considerations gonorrhoea, donovanosis, etc.	Prof. Ayaya/ Prof. Were	Syphilis (Treponema pallidum infections) Non-venereal treponematoses Differential diagnosis of vaginal discharge & male urethritis	Prof. Ayaya	Lunch	Parasitological diagnosis, laboratory demonstration
Friday 6. July, 2012	Visiting leprosy cases and malaria centre at Kisumu									
Saturday 7. July, 2012										
Sunday 8. July, 2012										

