



Summary: International Malaria Exchange 2008

Theme:

**“Comprehensive Study on Malaria in Western Lombok, Indonesia:
An Approach to Diagnosis, Clinical and Epidemiological Survey”**

Date :

19th January 2009 – 13rd February 2009 (a week of summer school and 2 weeks of field research, a week of research discussion)

Venue :

Airlangga University School of Medicine Surabaya and Western Lombok
(one of endemic area of Malaria in Indonesia)

Programs:

1. Special Malaria lectures
2. Laboratory work (AUSM Parasitology and Microbiology Laboratory)
3. Clinical work exploring patients with tropical disease
(tour to **Internal Medicine Department, dr. Soetomo Teaching Hospital**)
4. Observation to the **Tropical Disease Center / Institution of Tropical Disease of Airlangga University** for Research
5. Field research of Malaria Transmission in Lombok , Indonesia : An Approach to Diagnosis, Clinical and Epidemiological Survey, 2 weeks in Western Lombok with AUSM professional Lecturer as supervisor
6. Social programs

PROGRAM DETAIL:

1st week

Summer Course Program:

Lectures, seminars, laboratory work, case presentation and discussions

Content: Overall Malaria, epidemiology, vector, parasitology

Materials of Lectures:

1. Tropical Diseases in Indonesia (the amazing of Indonesia) + Malaria review
Lecturer: TDC (Tropical Disease Center Airlangga University)
2. Epidemiology of Malaria
Lecturer: Department of Public Health and Preventive Medicine AUSM
3. Clinical Diagnosis of Malaria
Lecturer: Department of Internal Medicine, Dr. Soetomo Teaching Hospital-AUSM
4. Rapid Diagnosis of Malaria Laboratory Test
Lecturer: Department of Clinical pathology AUSM

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5. Pathogenesis of Malaria at Molecular Basic

Lecturer: Prof. Dr. dr. Yoes Prijatna Dahlan Sp. Par(K), Department of Parasitology AUSM

6. Molecular Epidemiology of Malaria and G6PD deficiency in Indonesia

Lecturer: Prof. Dr. Fumihiko Kawamoto, Int. Health division, Department of Social and Environment Medicine, Inst. Of Scient Research, Oita University, Fac. of Medicine , Japan

7. "Comprehensive study on Malaria in Western Lombok, Indonesia: An Approach to Diagnosis, Clinical and Epidemiological Survey"

1. Clinical and laboratory examination for diagnosis
2. Transmission pattern of Malaria: an approach on malaria vector behaviour
3. Transmission pattern of Malaria: an approach on community behavior

Lecturer: Department of Parasitology AUSM

Department of Public Health and Preventive Medicine AUSM

2nd – 3rd week

Field research:

1. Clinical observation on the patient at regional health center (*puskesmas*);
2. Laboratory examination to know the species of plasmodium (blood smear);
3. Trapping and observation on *Anopheles* mosquito to learn about vector behavior;
4. Explore the breeding places of the Anopheles Mosquito around the place of research
5. Collecting data about community behavior including Knowledge, Attitude, and Practice about Malaria using Questionnaire.
6. Social Programs in Lombok

4th week

1. Discussion about research result (analyze and make conclusion about field research in Western Lombok)
2. Social programs in Surabaya .

Participants:

Malaria exchange is opened for medical students in pre clinical level, clinical level and medical practitioners, especially those who are interested to know more about Malaria. We limit the participant for 15-20 incomings students only.

Expected outcome:

All participants will have sufficient updated knowledge about malaria, transmission pattern in Western Lombok, Indonesia and skills in malaria research.



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Registration fee:

€ 385 per participant

The fee has to be paid before 25 November 2008 via bank transfer to this account:

Savitri Rahayu

Account no: 1420004254172

Mandiri Bank, Branch of Basuki Rahmat, Surabaya

Please take in consideration that you afford the bank transaction fees, which will vary according to the country and the bank you deal with.

We kindly request that you send us a copy of the bank transfer receipt by email.

The course fee will include:

1. 2 weeks accommodation in Surabaya
2. 2 weeks accommodation in Lombok
3. 3 times daily meals
4. Social Programs in Surabaya and Lombok

Bring also € 150 upon arrival to pay domestic flight to Lombok. Lombok is capital city of Nusa Tenggara Island, an Island beside Bali.

Please click <http://www.youtube.com/watch?v=xygykEtFov4> and <http://www.my-indonesia.info/page.php?ic=1133&id=2339> There you can find many information about Lombok. Other links are also available.

Soon after you fill in the registration form, you will get invitation letter to manage visa.

Any research group rules are going to be announced via email after you are listed as participant.

For more information, please contact:

Organizing Committee: malaria_exchange@yahoo.com

You can also fax any documents to Airlangga University School of Medicine PBL Office: 62-31-505-38-01
62 is country code and 31 is city code

Sincerely Yours,

Organizing Committee of Malaria Exchange Program



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Supervisor:

1. Prof. Dr. Yoes Prijatna Dahlan dr., Sp. Par(K), Department of Parasitology AUSM
2. Prof. Dr. Nancy Margarita Rehatta dr., Sp.AnKIC, Department of Anesthesiology – Supervisor for AUSM Center for Indonesian Medical Students' Activities
3. Prof. Dr. Kuntaman dr., Sp.MK., MS, Department of Clinical Microbiology – Vice Dean for Education



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