

Day	Data	Time	Subject	Tutor
Saturday		8-10	Pre-test (Theoretical)	Prof. Nateghpour and Dr. Motevalli Haghi
		10:30 - 11:30	Importance of malaria, malaria parasites, life cycle of malaria parasites	Prof. Nateghpour
		11:30 – 12: 30	Media & animals using for malaria parasites culture	Prof. Nateghpour
		15:30 – 17	Laboratory practice: Demonstration of malaria Injection in small saurian mice	Prof. Nateghpour and Dr. Motevalli Haghi
		17:30 – 19	Preparing of thin blood samples of mice and Staining	Dr. Motevalli Haghi
Sunday		8 – 10	Laboratory practice: <i>P. falciparum</i> continues culture-1, Freeze thaw & culture	Prof. Nateghpour and Dr. Motevalli Haghi
		10:30 – 12:30	Laboratory practice: Morphology of <i>P. berghei</i> in thin films-1	Prof. Nateghpour and Dr. Motevalli Haghi
		15:30 -17	Laboratory Practice: Morphology of <i>P. berghei</i> in thin films-2	Prof. Nateghpour and Dr. Motevalli Haghi
		17:30 -18	Counting of <i>P. berghei</i> parasites in thin films	Prof. Nateghpour, Dr. Motevalli Haghi
		18-19	Some other organisms and artifacts may be observed in blood films	Dr. Motevalli Haghi
Monday		8-10	Laboratory practice: <i>P. falciparum</i> continues culture-2, Exchange media & preparing thin blood smear & staining	Prof. Nateghpour, c Dr. Motevalli Haghi
		10:30 – 12:30	Laboratory practice: Morphology of <i>P. falciparum</i> in culture media using thin films- 1	Prof. Nateghpour and Dr. Motevalli Haghi
		15:30 – 17	Laboratory practice: Morphology of <i>P. falciparum</i> in culture media using thick films-2	Prof. Nateghpour and Dr. Motevalli Haghi
		17:30 – 19	Counting of <i>P. falciparum</i> parasites in thin films	Prof. Nateghpour and Dr. Motevalli Haghi

Tuesday		8-9	Assessment of antimalarial drugs activity and chemotherapy of malaria	Prof. Nateghpour
		9-10	In vitro test	Prof. Nateghpour, Dr. Motevalli Haghi
		10:30 – 12: 30	Laboratory practice: Assessment of effectiveness of drugs on parasites in culture media	Prof. Nateghpour, Dr. Motevalli Haghi
		15:30 – 17	Laboratory practice: Diagnosing <i>P. falciparum</i> in thick films	Prof. Nateghpour and Dr. Motevalli Haghi
		17:30 -19	Mid – course practical examination	Prof. Nateghpour and Dr. Motevalli Haghi
Wednesday		8-10	Laboratory practice: Parasite counting (in vitro test)	Prof. Nateghpour and Dr. Motevalli Haghi
		10:30 – 11:30	Laboratory practice: Diagnosing <i>P. falciparum</i> in thick and thin films and comparing between them	Prof. Nateghpour and Dr. Motevalli Haghi
		11:30 – 12:30	Laboratory practice: Comparing <i>P. falciparum</i> morphology between patients' blood smear& culture staining 1	Prof. Nateghpour and Dr. Motevalli Haghi
		15:30 -17	Laboratory practice: Comparing <i>P. falciparum</i> morphology between patients' blood smear& culture staining 2	Prof. Nateghpour and Dr. Motevalli Haghi
		17:30-19	Laboratory practice: Diagnosing malaria parasites in unknown blood films - preparing for post- tests	Prof. Nateghpour and Dr. Motevalli Haghi
Thursday		8 - 9:30	Discussion	Prof. Nateghpour
		9:30 - 11: 30	Post-test(Theoretical & Practical)	Prof. Nateghpour and Dr. Motevalli Haghi
		11:30 – 12:30	Closing ceremony	

Training In vivo & In vitro cultivations in rodents & human

Course Director: Dr. Afsaneh Motevalli Haghi & Prof. Mehdi Nateghpour

Course Facilitator: Dr. Afsaneh Motevalli Haghi