

Programme

Training course
Institut Pasteur Tunis, Tunisia
30 May - 3 June 2016



MONDAY 30

9:00	Welcome
10:30	Coffee Break
11:30	Lecture 1. Introduction to medical entomology (30'). <i>V. Robert</i> 2. Taxonomy and bioecology of the target mosquitoes: <i>Aedes</i> , <i>Culex</i> , <i>Anopheles</i> (30'). <i>F. Schaffner</i> 3. Surveillance and control of mosquito vectors: the basics (30'). <i>V. Robert</i>
13:00	Lunch
14:30	Working group 5' to describe a species <i>Into small group of 3 people.</i>
16:00	Break
16:30	Roundtable discussion Current mosquito borne diseases in the Mediterranean and Black Sea Regions (30').
17:00	Lecture 4. Sampling mosquitoes: theoretical approach (30'). <i>V. Robert</i>
17:30 18:30	Oral presentation 5' to describe a species <i>Each working group present their work.</i>

TUESDAY 31

8:00	Field activities Mosquito larvae sampling in wetlands, breeding sites mapping, trapping methods for mosquitoes
13:00	Lunch
14:30	Field activities Mosquito larvae sampling in wetlands, breeding sites mapping, trapping methods for mosquitoes
18:00	

WEDNESDAY 1

9:00	Lecture 5. Methods and tools for conservation of mosquito and interest of collection reference (30'). <i>A. Bouattour</i> 6. Methods and tools for identification of mosquito (30'). <i>F. Schaffner</i>
10:00	Coffee Break
10:30	Lab activities > Morphological identification of adults mosquito species (collected materials)
13:00	Lunch
14:30	Lecture 7. Data management (30'). <i>F. Schaffner</i>
15:00	Lab activities > Morphological identification
16:00	Break
18:00	Lab activities > Morphological identification

THURSDAY 2

9:00	Lecture 8. Introduction to molecular identification (60'). <i>V. Robert</i>
10:00	Coffee Break
10:30	Lab activities > Molecular identification using collected mosquitoes: <i>Cx. pipiens pipiens</i> vs. <i>Cx. p. molestus</i>
13:00	Lunch
14:30	Demonstration Georencing
15:00	Lab activities > Molecular identification
16:00	Break
18:00	Lab activities > Molecular identification

FRIDAY 3

9:00	Lecture 9. Mosquitoes of Maghreb (30'). <i>A. Bouattour</i>
9:30	Lab activities > Morphological identification
12:00	Lecture 10. Risk assessment and implication in Public Health. <i>F. Schaffner</i>
13:00	Lunch
14:30	Lab activities Quality control > Identification of adults mosquito
16:00	Break
16:30	Conclusion
17:30	

Lectures

1. Introduction to medical entomology (30').
2. Taxonomy and bioecology of the target mosquitoes: *Aedes*, *Culex*, *Anopheles* (30').
3. Surveillance and control of mosquito vectors: the basics (30').
4. Sampling mosquitoes: theoretical approach (30').
5. Methods and tools for conservation of mosquito (30').
6. Methods and tools for identification of mosquito (30').
7. Data management (30').
8. Introduction to molecular identification (60').
9. Mosquitoes of Maghreb (30').
10. Risk assessment and implication in Public Health (30').

