Programme

Training course
Hacettepe University, Faculty of Science, Ankara, Turkey
7-11 September, 2015

MediLabSecure

MONDAY 7TH

9:00 — **Welcome**

10:30 — **Lecture**
1. Introduction to medical entomology (30'). *V. Robert*

11:00 — Coffee Break

11:30 — **Lecture**
2. Biology and ecology of the target mosquitoes: *Aedes*, *Culex*, *Anopheles* (30'). *F. Gunay*
3. Surveillance and control of mosquito vectors: the basics (30'). *V. Robert*
4. Classification, morphology and development of mosquitoes (30'). *F. Gunay*

13:00 — Lunch

14:30 — **Working group**
5' to describe a species
Into small group of 3 people.

16:00 — Break

16:30 — **Roundtable discussion**
Current mosquito borne diseases in the Mediterranean and Black Sea Regions (30'). *B. Alten*

17:00 — **Lecture**
5. Sampling mosquitoes: theoretical approach (30'). *V. Robert*

17:30 18:30 — **Oral presentation**
5' to describe a species
Each working group present their work.

TUESDAY 8TH

7:30 — **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

WEDNESDAY 9TH

9:00 — **Lecture**
6. Methods and tools for conservation of mosquito and interest of collection reference (30'). *V. Robert*
7. Methods and tools for identification of mosquito (30'). *V. Robert*

10:00 — Coffee Break

10:30 — **Lab activities**
> Morphological identification of adults mosquito species (collected materials)

13:00 — Lunch

14:30 — **Lab activities**
> Morphological identification of adults mosquito species (collected materials)

18:00

THURSDAY 10TH

9:00 — **Lecture**
8. Introduction to molecular identification (60'). *V. Robert*

10:00 — Coffee Break

10:30 — **Lab activities**
> Molecular identification of mosquito species (PCR and DNA isolation)

13:00 — Lunch

14:30 — **Lab activities**
> Molecular identification of mosquito species (PCR and DNA isolation)

18:00

FRIDAY 11TH

9:00 — **Lecture**
9. Mosquitoes of Turkey (30'). *B. Alten*

9:30 — **Lab activities**
> Morphological identification

12:00 — **Lecture**
10. Risk assessment and implication in Public Health (45'). *B. Alten*

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. Biology and ecology of the target mosquitoes: *Aedes*, *Culex*, *Anopheles* (30').
3. Surveillance and control of mosquito vectors: the basics (30').
4. Classification, morphology and development of mosquitoes (30').
5. Sampling mosquitoes: theoretical approach (30').
6. Methods and tools for conservation of mosquito (30').
7. Methods and tools for identification of mosquito (30').
8. Introduction to molecular identification (60').
9. Mosquitoes of Turkey (30').
10. Risk assessment and implication in Public Health (45').