

Training Course
On Sea Turtle Rescue and Rehabilitation
RAC/SPA & Stazione Zoologica Anton Dohrn

- Speakers and Organising Staff -

Staff Sea Turtle Rescue and Rehabilitation Centers, Stazione Zoologica Anton Dohrn:

Prof. Flegra Bentivegna, *coordinator of Sea Turtle Rescue and Rehabilitation Centers*
Mariapia Ciampa
Giovanni De Martino
Sandra Hochscheid, *PhD*
Fulvio Maffucci
Angela Paglialonga
Andrea Travaglini
Gianluca Treglia

Marine Resources for Research, Stazione Zoologica Anton Dohrn:

Alfonso Toscano, *coordinator*
Davide Caramello

General Secretariat, Stazione Zoologica Anton Dohrn:

Paola Di Girolamo, *coordinator*
Lucia Rita Brusciano

Associate Veterinaries, Veterinary Center Via Posillipo, Naples

Mario Cacciapuoti
Luigia Ciaramella
Luigi Ferretti

University of Naples, Federico II, Faculty of MM.FF.NN. Sciences

Prof. Alessandra Pica, *Associate Professor of Haematology*
Antonella Occhiello, *PhD*
Filomena Basile
Marianna Ortone
Rossella Raiola

RAC/SPA

Mr Abderrahmen Gannoun : Director of RAC/SPA
Mr Atef OUERGI : Expert in marine Biology

- Programme -

First day

Holding Facilities

Stazione Zoologica (SZN), New Seminar Room

- 09.30** Welcome Speech Flegra Bentivegna
Introduction Rescue and Emergency Centre
- 10.45** Coffee break
- 11.15** Seawater supply: Closed vs Open System Angela Paglialonga
- Importance of water quality (NH₄, NO₂, NO₃, pH, salinity, etc.)
- 12.15** Tour through SZN facilities
- 12.45** Lunch
- 14.00** Guided Tour through the Aquarium
- 14.30** Visit to laboratory of *Marine Resources for Research* Davide Caramiello
- Demonstration of methods for water quality control

SZN, Rescue Centre

- 15.00** Introduction of standard procedures in sea turtle maintenance Mariapia Ciampa
Sandra Hochscheid
- 15.30** **Maintenance Practical I** (Protocols, Cleaning, Disinfection)
- 18.00** Return to hotel

Second day

Arrival of the Turtle

Turtle Point, Bagnoli

- 09.00** Turtle Files and Registry Mariapia Ciampa
- 09.15** Introduction to veterinary examination Luigi Ferretti
- 10.15** Coffee break
- 10.30 Treatment Practical I:**
- First examination of the recovered turtle Luigi Ferretti
 - Morphometric measurements Mariapia Ciampa
 - Identification of individual Gianluca Treglia
- 12.45** Lunch

Veterinary Studio, Posillipo

- 14.00** Veterinary Practice: Mario Cacciapuoti
- X-Ray
 - Ultrasonography: monodimensional and bidimensional

Turtle Point, Bagnoli

- 16.15** Coffee break
- 16.30 Treatment Practical I (continued):**
- Parasite prophylaxis and faecal smear Luigia Ciaramella
 - Local treatment and cleaning of turtle Mariapia Ciampa
- 17.30** Discussion and conclusion of the day

Third day

Maintenance, Cure and Rehabilitation

Turtle Point, Bagnoli

- 09.30** Temperature effects on sea turtle biology Sandra Hochscheid
- 10.00 Maintenance Practical II:** Feeding and vitamin supplements Mariapia Ciampa
Giovanni De Martino
- 11.30** Coffee break
- 12.00 Maintenance Practical II** (continued)
- 13.00** Lunch
- 14.30** Clinical cases (treatment and medication) Luigi Ferretti
- 15.30 Cleaning and Treatment Practical II** (Demonstration):
- Injections and application of creams Mariapia Ciampa
- Cleaning of wounds Giovanni De Martino
- Carapace fractures
- 17.30** Discussion and conclusion of the day

Fourth day

Haematological Analysis

Turtle Point, Bagnoli

- 09.00** Introduction to haematological techniques: Alessandra Pica
- Blood sampling
- Hemogram
- Blood smear technique and examination
- 10.30** Coffee break
- 10.45** Theory and Practice: **Haematological Laboratory** (continued) Alessandra Pica
Haematological Laboratory assistance: Antonella Occhiello
-Blood smear staining Filomena Basile
-Haematocrit Marianna Ortone
Rossella Raiola
- 13.00** Lunch break

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| 14.00 Haematological Laboratory (continued) | Alessandra Pica |
| - Blood cell count | |
| 15.30 Coffee break | |
| 15.45 Public Awareness Programs | Angela Paglialonga |
| 17.00 Video presentation | |
| 17.30 Discussion and conclusion of the day | |

Fifth day

Necropsy - Release

Turtle Point, Bagnoli

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| 09.30 Short introduction to the Anatomy of sea turtles | Fulvio Maffucci |
| 10.00 Necropsy | |
| Demonstration of chirurgical hook removal | Mario Cacciapuoti |
| Sampling for histological study and cytology | Luigia Ciaramella |
| Sampling gastrointestinal contents | Andrea Travaglini |
| 14.30 Release of rehabilitated turtles | Flegra Bentivegna |
| - Release site selection | |
| - Collaborating authorities | |
| - Involvement of the public | |
| 15.30 Final discussion and closure of the course | |