

**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 (NH<sub>4</sub>, NO<sub>2</sub>, NO<sub>3</sub>, 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

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

### Fourth day

#### Haematological Analysis

##### Turtle Point, Bagnoli

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

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

**Fifth day**

**Necropsy - Release**

**Turtle Point, Bagnoli**

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