



*Under the High Patronage
of the President
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«ETTORE MAJORANA»
Foundation and Centre
for Scientific Culture

International School
of Urology and Nephrology



SIUrO
Società Italiana
di Urologia Oncologica

www.ccsem.infn.it



«ETTORE MAJORANA»
FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE

**14th Course:
Advances in Urological Oncology
“Prostate Cancer: from Molecular
and Cellular Biology
to Therapeutic Advancement”**

**Erice, Sicily - Italy
April 16-21, 2013**



ERICE
THE CITY OF SCIENCE
LA CITTÀ DELLA SCIENZA



Uffici - Offices

- | | | |
|--|------------------------------|--|
| A Vigili Urbani - Local policemen | E Banca - Bank | 7 Institute San Francesco |
| B Municipio, Museo e Biblioteca Comunale
Municipality, Museum and town library | F Posta - Post Office | 14 Institute San Domenico |
| C Carabinieri - Italian police force | C Cinema - Cinema | 15 Institute San Rocco, Secretariat of the Centre |
| D Farmacia - Pharmacy | | |



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Poetic touch

According to legend, Erice, son of Venus and Neptune, founded a small town on top of a mountain (750 metres above sea level) more than three thousand years ago. The founder of modern history - i.e. the recording of events in a methodic and chronological sequence as they really happened without reference to mythical causes - the great Thucydides (~500 B.C.), writing about events connected with the conquest of Troy (1183 B.C.), said: "After the fall of Troy some Trojans on their escape from the Achaei arrived in Sicily by boat and, as they settled near the border with the Sicanians all together, they were named Elymi: their towns were Segesta and Erice". This inspired Virgil to describe the arrival of the Trojan royal family in Erice and the burial of Anchise, by his son Enea, on the coast below Erice. Homer (~1000 B.C.), Theocritus (~300 B.C.), Polybius (~200 B.C.), Virgil (~50 B.C.), Horace (~20 B.C.), and others have celebrated this magnificent spot in Sicily in their poems. During seven centuries (XIII-XIX) the town of Erice was under the leadership of a local oligarchy, whose wisdom assured a long period of cultural development and economic prosperity which in turn gave rise to the many churches, monasteries and private palaces which you see today.

In Erice you can admire the Castle of Venus, the Cyclopean Walls (~800 B.C.) and the Gothic Cathedral (~1300 A.D.). Erice is at present a mixture of ancient and medieval architecture. Other masterpieces of ancient civilization are to be found in the neighbourhood: at Motya (Phoenician), Segesta (Elymian) and Selinunte (Greek).

On the Aegadian Islands - theatre of the decisive naval battle of the first Punic War (264- 241 B.C.) - suggestive neolithic and paleolithic vestiges are still visible: the grottoes of Favignana, the carvings and murals of Levanzo.

Splendid beaches are to be found at San Vito Lo Capo, Scopello and Comino, and a wild and rocky coast around Monte Cofano: all at less than one hour's drive from Erice.



EMFCSC PRESIDENT AND DIRECTOR OF THE CENTRE

Antonino Zichichi

DIRECTOR OF THE SCHOOL

Michele Pavone - Macaluso

DIRECTORS OF THE COURSE

Giario Natale Conti, Como - Italy

Gigliola Sica, Roma - Italy

SCIENTIFIC SECRETARIAT

Alessandro Bertaccini, Bologna - Italy

Enrico Bollito, Orbassano (TO) - Italy

Sergio Bracarda, Arezzo - Italy

Fortunata Iacopino, Roma - Italy

Giovanni Luigi Pappagallo, Mirano (VE) - Italy

Carlo Pavone, Palermo - Italy

Vittorio Vavassori, Bergamo - Italy

The Course will be held under the auspices of the Italian Society of Urological Oncology



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Giario Natale Conti, Como - Italy

Vice President

Alberto Lapini, Firenze - Italy

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Doctorate of Research in Urological Sciences, University of Palermo

Italian Ministry of Health

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PURPOSE OF THE COURSE

The purpose of the Course is to provide state of the art knowledge and future perspectives on basic and translational research, pathology and advanced therapeutic strategies of prostate cancer in a multidisciplinary approach. Scientific sessions will include interactive discussions between the faculty and the participants. International experts in research and clinical management of prostate cancer will share their views and experience with the audience.

The Course is the fourth of a series of courses held under the aegis of the Italian Society of Urological Oncology.

GENERAL OUTLINE OF THE PROGRAMME

Prostate cancer stem cell biology. Epithelial-mesenchymal-transition and evolution of neoplastic cells. Role of microRNAs in cancerogenesis. Functional gene profiling in prostate cancer.

Biomarkers. Pitfalls and problems in histopathological evaluation of biopsy. Definition of CRPC and androgen independence. AR pathway in HDPC and CRPC. GnRH-R in prostate cancer: from cell biology to targeted therapeutic strategies. Diagnostic and therapeutic work-up in recurrent disease. First line therapies in CRPC. New AR binding agents. New agents in CRPC. Bone health, skeletal related events and new bone targeting agents. Active surveillance. Prostate Cancer Units.

Accreditation by the Italian Ministry of Health

31,3 credits ECM (Educazione Continua in Medicina) will be granted (Provider BGE Eventi & Congressi ID 1082 - ECM ID 54837)





PROGRAMME

Tuesday, April 16th 2013

Arrival

SCIENTIFIC SESSIONS

Wednesday, April 17th 2013

OPENING OF THE COURSE

08.15 - 08.20 Welcome by the Director of the School, Michele Pavone-Macaluso

08.20 - 08.25 Welcome by the SIUR0 President, Giario Natale Conti

08.25 - 08.45 Opening remarks: Giario Natale Conti, Gigliola Sica

08.45 - 09.15 Opening Lecture

Urs E. Studer: Upcoming problems in the diagnosis and treatment of localized prostate cancer

09.15 - 10.45 BASIC RESEARCH AND PATHOLOGY SESSION

Chairpersons: **M. J. Roobol, R. Valdagni, N. Zaffaroni**

09.15 - 09.45 Identification of a cell of origin in human prostate cancer. **G. N. Thalmann**

09.45 - 10.15 Epithelium/stroma cross-talk in prostate cancer. **G. Sica**

10.15 - 10.45 Role of microRNAs in primary and metastatic prostate cancer. **D. Bonci**

10.45 - 11.00 Coffee break

11.00 - 13.30 CLINICAL SESSION

Chairpersons: **G. Morgia, G. N. Thalmann**

11.00 - 11.30 Pitfalls and problems in pathological evaluation of biopsy. **C. Patriarca**

11.30 - 12.00 Imaging at 1st diagnosis: problems and possible solutions. **P. Pavlica**

12.00 - 12.30 Mass Screening. **M. J. Roobol**

12.30 - 13.00 Active surveillance. **R. Valdagni**

13.00 - 13.30 How to interpret the data of clinical trials - why may so called significant differences be wrong? **L. Collette**

13.30 - 15.00 Lunch time



15.00 - 17.00 ROLE PLAYING ON DAILY ISSUES (in small groups)

- **Group A** - Pills of methodology (Supervisor: **G. L. Pappagallo**)
- **Group B** - Basic research (Supervisors: **F. Iacopino, G. Sica**)
- **Group C** - Clinical-pathological contest between fellows and teachers based on clinical cases (Supervisors: **E. Bollito, C. Pavone**. Clinical cases prepared by “SIUrO Giovani” Team*): **Screening and Active surveillance**

17.00 - 17.30 Coffee break

17.30 - 19.30 PLENARY SESSION: REPORTS OF WORKING GROUPS

Chairpersons: **G. N. Conti, G. Sica**





Thursday, April 18th 2013

08.30 - 10.30 BASIC RESEARCH AND PATHOLOGY SESSION

Chairpersons: **G. Mikuz, G. Sica**

08.30 - 09.00 Epithelial-mesenchymal transition and evolution of neoplastic cells. **P. Chiarugi**

09.00 - 09.30 AR pathway - How AR works in HDPC and CRPC. **J. P. M. Sedelaar**

09.30 - 10.00 New AR binding agents: from biology to bench side. **J. P. M. Sedelaar**

10.00 - 10.30 GnRH-R in prostate cancer: from cell biology to targeted therapeutic strategies. **P. Limonta**

10.30 - 11.00 Coffee break

11.00 - 13.00 CLINICAL SESSION

Chairpersons: **E. Bollito, J. P. M. Sedelaar**

11.00 - 11.20 Criticisms in pathological evaluation of surgical specimen. **G. Mikuz**

11.20 - 11.40 Optimization in the technique of prostate cancer lymphadenectomy. **A. Stenzl**

11.40 - 12.00 Adjuvant or Salvage radiotherapy: Early is better? **S. Villa**

12.00 - 12.20 Diagnostic work up in recurrent disease after RRP. **L. F. Da Pozzo**

12.20 - 12.40 Diagnostic work up in recurrent disease after EBRT. **G. Sanguineti**

12.40 - 13.00 Therapeutic options in recurrent disease. **L. F. Da Pozzo** and **G. Sanguineti**

13.00 - 15.00 Lunch time

15.00 - 17.00 ROLE PLAYING ON DAILY ISSUES (in small groups)

- **Group A** - Clinical-pathological contest between fellows and teachers based on clinical cases (Supervisors: **A. Bertaccini, V. Vavassori**. Clinical cases prepared by “SIUrO Giovani” Team*): **Recurrent disease**
- **Group B** - Pills of methodology (Supervisor: **G. L. Pappagallo**)
- **Group C** - Basic research (Supervisors: **F. Iacopino, G. Sica**)

17.00 - 17.30 Coffee break

17.30 - 19.30 PLENARY SESSION: REPORTS OF WORKING GROUPS

Chairpersons: **G. N. Conti, G. Sica**



Friday, April 19th 2013

08.30 - 10.30 BASIC RESEARCH AND PATHOLOGY SESSION

Chairpersons: **D. Bonci, P. Limonta, V. Serretta**

08.30 - 09.00 Functional gene profiling in prostatic cancer. **N. Zaffaroni**

09.00 - 10.00 Biomarkers: Present and future. **E. Bollito** and **N. Zaffaroni**

10.00 - 10.30 Possibilities of molecular grading and staging. **S. M. Falzarano**

10.30 - 11.00 Coffee break

11.00 - 13.30 CLINICAL SESSION

Chairpersons: **C. Patriarca, U. E. Studer**

11.00 - 11.30 Bone health, CTIBL and Bone metastasis physiopathology. **F. Bertoldo**

11.30 - 12.00 New bone targeting agents and the continuum of care in CaP. **G. N. Conti**

12.00 - 12.30 Up to date on first and second line chemotherapy in CRPC. **S. Bracarda**

12.30 - 13.00 Special guest lecture

Arnulf Stenzl: Immunotherapy in prostate cancer

13.00 - 13.30 Present status of the EORTC prostate cancer protocols. **V. Serretta**

13.30 - 15.00 Lunch time

15.00 - 16.30 FIRST PLENARY SESSION: QUESTIONS AND ANSWERS

(between the audience and the faculty)

Chairpersons: **G. N. Conti, G. Sica**

Presenters/provokers:

A. Bertaccini, S. Bracarda, C. Pavone, V. Serretta, A. Stenzl

FREE AFTERNOON



Saturday, April 20th 2013

8.30 - 10.30 CLINICAL SESSION

Chairpersons: **S. M. Falzarano, S. Villa**

08.30 - 09.30 New agents in CRPC (mechanisms of action and clinical indications).
Abiraterone, Enzalutamide, Radium 223, Tak-700, Tasquinimod, and so on.
A. Berruti

09.30 - 10.30 Panel on Prostate Cancer Units.
A. Berruti, G. N. Conti, T. Magnani, C. Patriarca, S. Villa

10.30 - 11.00 Coffee break

11.00 - 13.00 SECOND PLENARY SESSION: QUESTIONS AND ANSWERS

(between the audience and the faculty)

Chairpersons: **G. N. Conti, G. Sica**

Presenters/provokers

A. Berruti, A. Bertaccini, C. Patriarca, G. Sanguineti, U. E. Studer, N. Zaffaroni

13.00 - 15.00 Lunch time

15.00 - 17.00 ROLE PLAYING ON DAILY ISSUES (in small groups)

• **Group A** - Basic research (Supervisors: **F. Iacopino, G. Sica**)

• **Group B** - Clinical case contest between fellows and teachers
(Supervisors: **F. Bertoldo, G. N. Conti**. Clinical cases prepared by

“SIUrO Giovani” Team*): **Advanced prostate cancer: integrated approaches
at 360 degrees (new drugs, bone targeting agents)**

• **Group C** - Pills of methodology (Supervisor: **G. L. Pappagallo**)

17.00 - 17.30 Coffee break

17.30 - 19.00 PLENARY SESSION: REPORTS OF WORKING GROUPS

Chairpersons: **G. N. Conti, G. Sica**

19.00 - 19.30 ECM TEST

19.30 - 19.40 CLOSURE OF THE COURSE: Michele Pavone-Macaluso

* “SIUrO Giovani” Team: *Michele Cianciulli, Debora Marchiori and Francesco Massari*

Sunday, April 21st 2013

Departure



SOCIAL PROGRAMME

Tuesday, April 16th

21.00 Welcome party after dinner: get together at the “Marsala wine cellar”
in San Rocco Institute with all participants

Wednesday, April 17th

20.30 Social dinner, San Francesco Institute

Thursday, April 18th

20.00 Polyphonic Choir “Cum Iubilo”.
Choral Music from Gregorian Chant to 20th Century, San Martino Church

Saturday, April 20th

20.30 Farewell dinner: pizza party, all together at “Ulisse” restaurant

PROGRAMME FOR ACCOMPANYING PERSONS

Meeting Point at San Rocco Institute

Guided tours

Wednesday, April 17th

15.30 - 18.30: Erice

Thursday, April 18th

08.30 - 13.00: Segesta

Friday, April 19th

16.30 - 19.30: Trapani



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ACKNOWLEDGEMENTS

The International School of Urology and Nephrology
wishes to thank for their cooperation and generous support



ANGELINI



150 Years
Science For A Better Life







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