

34° RESIDENTIAL COURSE

MRO.34: MODERN ONCOLOGY BEYOND SURVIVAL

20-21-22 OCTOBER 2024

20.10.2024

Ospedale Isola Tiberina - Gemelli Isola - Aula Magna
Via di Ponte Quattro Capi, 39 - 00186 Roma

21-22.10.2024

Fondazione Policlinico Universitario A. Gemelli IRCCS - Aula Brasca
Largo Agostino Gemelli, 8 - 00168 Roma



Scientific Coordinators: *M.A. Gambacorta, F. Miccichè, L. Tagliaferri*
Honorary Presidents: *N. Cellini, V. Valentini*

Endorsed by:

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ESTRO

 **AIRO** Associazione Italiana
Radioterapia e Oncologia clinica
LA CURA DI PRECISIONE

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 **AITRO**



Modern oncology goes beyond mere survival and focuses on improving the quality of life of cancer patients.

The development of innovative drugs, such as targeted therapies and immunotherapies, plays a key role in more effective disease management.

In addition, advances in surgical techniques, such as minimally invasive procedures, reduce recovery time and improve overall well-being.

Radiation therapy, along with advances in radiology that plays a key role in defining the target and the organs at risk, has evolved with precision technologies, reducing damage to surrounding tissues, enabling ablative doses, and changing the paradigm from a purely local treatment to its broader application in systemic diseases.

Supportive care, including psychological and physical support, contributes to a global approach, recognizing the importance of total well-being in the care of the cancer patient.

“Beyond Survival” means emphasizing personalized treatments, addressing the unique characteristics of cancer and of each patient, not losing sight of sustainability.

Scientific Advisory board:

*L. Boldrini, F. Cellini, P. Cornacchione, F. Deodato,
L. Indovina, G. Macchia, G.C. Mattiucci, A.G. Morganti*

Scientific Secretariat:

C. Casà, G. Chiloiro, A. D'Aviero

13:30-14:30 Course registration and light lunch

14:30-15:00 Welcoming and course presentation
M.A. Gambacorta, F. Miccichè, L. Tagliaferri ^(30')

OPENING LECTURE

Chair: *A.G. Morganti*

15:00-15:30 Surviving cancer in Europe: exploring socioeconomic impacts and strategies for resilient future *J. Borràs* ^(30')

THERAPEUTIC STRATEGIES IN MODERN ONCOLOGY: FOOD FOR THOUGHTS

Chairs: *E. Bria, G. Minniti, L. Orlandini*

- 15:30-16:45**
- New molecules in oncology: to destroy or to control cancer? *G. Tortora* ^(20')
 - Radiotherapy in modern oncology: is it time to change dose and volume concepts? *V. Grégoire* ^(20')
 - Managing complex treatment plans in the era of automation *D. Verellen* ^(20')

Q&A ^(15')

16:45-17:00 Coffee break





TREATMENT PERSONALIZATION IN MODERN ONCOLOGY: FOOD FOR THOUGHTS

Chairs: G. Gagliardi, E. Squillaci

17:00-18:15

- Imaging for treatment personalization *R. Beets-Tan*⁽²⁰⁾
- Integrating surgery in tumor control: when, why, how *S. Alfieri*⁽²⁰⁾
- Harnessing artificial intelligence in a changing landscape *A. Dekker*⁽²⁰⁾

Q&A⁽¹⁵⁾

08:30-09:00 Sponsored lecture (NO ECM) – Aula Vito ^(30')

LUNG CANCER: MANAGEMENT BEYOND SURVIVAL

Chairs: *S. Margaritora, M.F. Osti*

- 09:15-10:20**
- **Keynote lecture 1: New frontiers of radiotherapy in lung cancer**
U. Ricardi ^(20')
 - The role of new molecules in chronicizing lung cancer *S. Ramella* ^(15')
 - Personalizing treatment in lung cancer *L. Boldrini* ^(15')

Q&A ^(15')

BREAST CANCER: MANAGEMENT BEYOND SURVIVAL

Chairs: *L. Livi, S. Pergolizzi*

- 10:20-11:25**
- **Keynote lecture 2: New frontiers of radiotherapy in breast cancer**
L. Visani ^(20')
 - The role of new molecules in chronicizing breast cancer *A. Fabi* ^(15')
 - Personalizing treatment in breast cancer *G. Kovacs* ^(15')

Q&A ^(15')

11:25-11:45 Coffee break

MEET THE PROFESSOR: CHALLENGING CLINICAL SCENARIOS (contemporary sessions)

11:45-12:30 BREAST CANCER - Aula Brasca

Chair: *C. Aristei*

Presenter: *M. G. Becchetti*

Discussants: *A. Ciabattoni, F. Marazzi, V. Masiello, G. Stimato, M. Bianchi, I. Palumbo*

LUNG CANCER - Aula Vito

Chair: *S. Ramella*

Presenter: *C. Tacconi*

Discussants: *M. Fiore, C. Greco, E. Ippolito, C. Mazzarella, A. Martino, S. Parisi, L. Placidi, C. Votta*

12:30-13:30 Lunch

GYNECOLOGICAL CANCER: MANAGEMENT BEYOND SURVIVAL

Chairs: *V. De Sanctis, A. Fagotti*

- 13:30-14:35
- **Keynote lecture 3: New frontiers of radiotherapy in ovarian cancer** *G. Macchia* ⁽²⁰⁾
 - The role of new molecules in chronicizing ovarian cancer *C. Marchetti* ⁽¹⁵⁾
 - Personalizing treatment in ovarian cancer *S. Cilla* ⁽¹⁵⁾

Q&A ⁽¹⁵⁾

COLO-RECTAL CANCER: BEYOND SURVIVAL

Chairs: *D. Genovesi, G. Mantello*

- 14:35-15:40
- **Keynote lecture 4: New frontiers of radiotherapy in rectal cancer** *M.A. Gambacorta* ⁽²⁰⁾
 - The role of new molecules in chronicizing colo-rectal cancer *L. Salvatore* ⁽¹⁵⁾
 - Personalizing treatment in rectal cancer *G. Chiloiro* ⁽¹⁵⁾

Q&A ⁽¹⁵⁾

PROSTATE CANCER: BEYOND SURVIVAL

Chairs: *G. Sanguineti, L. Tagliaferri*

- 15:40-16:45
- **Keynote lecture 5: New frontiers of radiotherapy in prostate cancer** *B. A. Jerezek-Fossa* ⁽²⁰⁾
 - The role of new molecules in prostate cancer *R. Iacovelli* ⁽¹⁵⁾
 - Personalizing treatment in prostate cancer *L. Nicosia* ⁽¹⁵⁾

Q&A ⁽¹⁵⁾



MEET THE PROFESSOR: CHALLENGING CLINICAL SCENARIOS (contemporary sessions)

16:45-17:45 PROSTATE CANCER - Aula Brasca

Chair: *R. D'Angelillo*

Presenter: *O. Ruggieri*

Discussants: *S. Arcangeli, F. Cellini, B. Fionda, V. Frascino, C. Lafaenza, E. Placidi*

RECTAL CANCER - Aula Vito

Chair: *P.C. Gentile*

Presenter: *D. Marchesano*

Discussants: *G. Chiloiro, A. Romano, M.E. Rosetto, M. Maffei*

18:00-18:30 Sponsored lecture (NO ECM) - Aula Vito ⁽³⁰⁾

19:30 CONFERENCE COCKTAIL (8th floor)

08:30-09:00 Sponsored lecture (NO ECM) – Aula Vito ^(30')

09:15-10:00 Chair: *M. A. Gambacorta*
Round table: Values and needs of a person with cancer
S. Alfieri, F. Alongi, G. Bennati, L. Dinapoli, M. Monte, F. Ossani, V. Pollutri, S. Scalise ^(45')

DEALING WITH PATIENTS BEYOND SURVIVAL: MEETING WITH EXPERTS

Chairs: *R. Pacelli, M. C. Mele*

- 10:00-11:15**
- Psychological aspects in cancer patients *D. Chieffo* ^(20')
 - Physical activity in cancer patients *A. Parisi* ^(20')
 - The role of nutrition in cancer care *S. Farnetti* ^(20')

Q&A ^(15')

11:15-11:35 Chair: *G.C. Mattiucci*
Keynote lecture 6: AI in a holistic approach: paving the way for personalized patient care *P. Cornacchione* ^(20')

Coffee break in the classroom during the session





SUPPORTIVE THERAPIES BEYOND SURVIVAL: MEETING WITH EXPERTS

Chairs: *S. Manfreda, D. Musio*

11:35-12:50

- Prevention and cure of skin toxicity *A. Petrone*⁽²⁰⁾
- Prevention and cure of sexual toxicity in women *P. Villa*⁽²⁰⁾
- Prevention and cure of neurocognitive toxicity *M. Buglione di Monale e Bastia*⁽²⁰⁾

Q&A⁽¹⁵⁾

CLOSING LECTURE

Chair: *M. Krengli*

12:50-13:10 Rethinking a new radiation oncology center: technology, humanities and what lies in the middle *V. Valentini* ^(20')

13:10-13:30 Closing remarks ^(20')



Alfieri Sergio	(IT)	Manfrida Stefania	(IT)
Alongi Filippo	(IT)	Mantello Giovanna	(IT)
Arcangeli Stefano	(IT)	Marazzi Fabio	(IT)
Aristei Cynthia	(IT)	Marchesano Domenico	(IT)
Becchetti Maria Giulia	(IT)	Marchetti Claudia	(IT)
Beets-Tan Regina	(NL)	Margaritora Stefano	(IT)
Bennati Gaia	(IT)	Martino Antonella	(IT)
Bianchi Marco	(IT)	Masiello Valeria	(IT)
Boldrini Luca	(IT)	Mattiucci Gian Carlo	(IT)
Borràs Joseph	(ES)	Mazzarella Ciro	(IT)
Bria Emilio	(IT)	Mele Maria Cristina	(IT)
Buglione di Monale e Bastia Michela	(IT)	Micchè Francesco	(IT)
Casà Calogero	(IT)	Minniti Giuseppe	(IT)
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CPS (ECM) Training Objective n. 18, Technical professional contents (knowledge and skills) specific to each profession, each specialization and each ultra-specialist activity, including rare diseases and gender medicine.

The course is accredited for: Radiation Oncologists, Medical Oncologists, Medical Physicists, RTTs/TRs, Nurse.

There are 15 CPS (ECM) credits for those who will attend the course. The requirement to receive the credits is the possession of a degree and specialization. For those interested, it is possible to register by October 14, 2024 on the website of the Catholic University of the Sacred Heart: www.unicatt.it, or directly at this link: https://fopecom-rm.unicatt.it/fopecomonline/default_eng.aspx?Edizione=1&IdEvento=10874

The registration fee for the course is € 200.00.

For AIRO, ESTRO, AIFM, EFOMP, AIRO and AIOM members the course fee is € 150.00.

Registration is free for FPG and UCSC staff.

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HEALTH WITH A HUMAN TOUCH

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SPONSORED LECTURES

MRO.34: MODERN ONCOLOGY BEYOND SURVIVAL

20-21-22 OCTOBER 2024

Art 4
ART



21/10/2024
08:30 - 09:00



Igea Medical

Aula Vito

NO ECM

**Interventional Oncology beyond survival:
how interventional chemotherapy improves
quality of life**

The best interdisciplinary approach between EBRT and
Interventional Oncology - G. Kovacs ⁽¹⁵⁾

The emerging role of Interventional chemotherapy - R. Iezzi ⁽¹⁵⁾

21/10/2024
18:15 - 18:45



Medlogix

Aula Vito

NO ECM

**Fast ThermoRT: new frontiers of
Radiotherapy and Hyperthermia - E. Stutz ⁽³⁰⁾**

22/10/2024
08:30 - 09:00



Allergosan

Aula Vito

NO ECM

**Il ruolo del microbiota nelle malattie
oncologiche - L. Lopetuso ⁽³⁰⁾**



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Advanced Radiation
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SPONSORED LECTURES SPEAKERS



György Kovács

Radiation Oncology
Professor emeritus
University of Lübeck



Roberto Iezzi

Radiologist
Director of the Emergency and Interventional Radiology Unit
Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Rome



Emanuel Stutz

Radiation Oncologist
Head of the Hyperthermia Unit & Consultant
UKRO University Clinic for Radiation Oncology
Inselspital Bern



Loris Riccardo Lopetuso

Gastroenterologist
Department of Gastroenterology
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