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Registration fee

250 euro – AIRO Juniores, person in training

350 euro – full registration

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Venue

Policlinico Universitario A. Gemelli IRCCS

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Aula Brasca 4° Floor – Main Entrance

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ART
Advanced Radiation
Therapy

29° Residential Course Modern Radiotherapy, time issues and new drugs

Rome, 21 - 23 October 2019

Aula Brasca

Policlinico Universitario A. Gemelli IRCCS

Scientific Coordinators:

Vincenzo Valentini, Maria Antonietta Gambacorta

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Associazione Italiana
Radioterapia e Oncologia clinica

ESTRO

Monday, 21 October 2019

8.00 Registration
8.45 Opening ceremony

Opening lecture

Moderator: **R. Corvò**
9.00 The issue of time in radiotherapy treatments: the H&N model
J. Overgaard

Session 1. The issue of time and biomolecular perspective: observation & theories

Moderator **V. Tombolini, S. Pergolizzi**
9.30 The issue of time: primary tumor growth speed **A. G. Morganti**
9.50 The issue of time: tumor metastasis growth speed **A. Albini**
10.10 The issue of time: tumor response speed to RT **K. Haustermans**

10.30 Coffee Break

11.00 The issue of time: tumor response speed to chemotherapy **R. Iacovelli**
11.20 The flash provocation... **J. Bourhis**
11.40 Final statement approval **S. Chiesa**

12.15 Keynote lecture 1

Moderator: **G. Scambia**
The issue of time and cancer treatment: harnessing biological knowledge and clinical experience **M. Baumann**

13.00 Lunch

Session 2. The issue of time and biomolecular perspective: markers & modelling

Moderators **R. Orecchia, R. Manfredi**
14.20 The issue of time: ctDNA as non invasive impact of breaks in Lung treatment **N. Normanno**
14.40 The issue of time: biomarkers of normal tissue reaction **D. Azria**
15.00 The issue of time: 4D-Radiomics and volumetric RECIST **P. Lambin**
15.20 The issue of time: modelling primary tumor growth speed **N. Dinapoli**
15.40 Final statement approval **E. Meldolesi**

16.00 Break

16.30 Laboratories (small groups)

The issue of time: managing treatment breaks
S. Manfrida, G. F. Colloca, F. Deodato, N. Dinapoli, A. Fiorentino, V. Frascino, E. Russi
The issue of time: managing RT during target/cyclin inhibitors/ immuno/chemotherapy: breast, colo-rectal, lung
F. Marazzi, L. Belgioia, M. Campitelli, P. Gentile, G. Macchia, G. Mantello, L. Salvatore
The issue of time: generating hypothesis studies
F. Cellini, S. Arcangeli, R. Autorino, L. Boldrini, B. Corvari, D. Lorusso

Tuesday, 22 October 2019

Session 3. The issue of waiting time to treatment

Moderators: **L. Livi, M. A. Gambacorta**
8.30 Waiting time to treatment: H&N cancer **V. Grégoire**
8.50 Waiting time to treatment: breast cancer **P. Poortmans**
9.10 Waiting time to treatment: lung cancer **E. Troost**
9.30 Waiting time to treatment: prostate cancer **P. Hoskin**
9.50 Waiting time to treatment: cervix cancer **T. L. Tan**
10.10 Final statement approval **F. Miccichè**

10.30 Coffee Break

11.00 Laboratories (small groups)

The issue of time: managing treatment breaks
S. Manfrida, G. F. Colloca, F. Deodato, N. Dinapoli, A. Fiorentino, V. Frascino, E. Russi
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12.15 Keynote lecture 2

Moderator: **V. Valentini**
The issue of time and cancer treatment: modern understanding of tumor heterogeneity **G. Tortora**

13.00 Lunch

Session 4. The issue of breaks and overall treatment time

Moderators: **A. G. Morganti, L. Pirtoli**
14.00 The issue of breaks and overall treatment time in H&N cancer **V. Grégoire**
14.20 The issue of breaks and overall treatment time in Lung cancer **J. Van Loon**
14.40 The issue of breaks and overall treatment time in Esophageal cancer **K. Haustermans**
15.00 The issue of breaks and overall treatment time in Colo-rectal cancer **F. Peters**
15.20 The issue of breaks and overall treatment time in Gyn cancer **T. L. Tan**
15.40 Final statement approval **M. Massaccesi**

16.00 Break

Focus on 1: The issue of time and combination of RT and immunotherapy in metastatic setting to obtain better outcome in lung cancer

Moderators: **U. Ricardi, S. Margaritara**
16.30 The immunotherapy perspective **E. Bria**
16.50 The RT perspective **E. Troost**
17.10 Final statement approval **G. C. Mattiucci**

17.30 Laboratories (small groups)

The issue of time: managing treatment breaks
S. Manfrida, G. F. Colloca, F. Deodato, N. Dinapoli, A. Fiorentino, V. Frascino, E. Russi
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Wednesday, 23 October 2019

Focus on 2: The issue of time and combination of RT and hormone/chemotherapy in prostate metastatic setting to obtain better outcomes

Moderators: **R. Santoni, G. Mantini**

8.30 The hormone/chemotherapy perspective **R. Iacovelli**
8.50 The RT perspective **B. Jereczek**
9.10 Final statement approval **A. R. Alitto**

Session 5. The issue of waiting time for evaluating local outcomes

Moderators: **M. Krenkli, V. Donato**
9.30 The waiting time for local outcomes: response of Squamous Cell Carcinoma **P. L. Bonomo**
9.50 The waiting time for local outcomes: response of Adenocarcinoma **E. Fokas**
10.10 The waiting time for local outcomes: how long has to be the follow-up to save lives **R. De Maria Marchiano**
10.30 The waiting time for retreatment: when it can be an issue for local control **P. Hoskin**
10.50 Final statement approval **L. Tagliaferri**

11.10 Coffee Break

Session 6. The issue of combination of RT and new drugs to avoid toxicity

Moderators: **C. Aristei, D. Genovesi**
11.30 The issue of combination of RT and targeted therapy **I. Meattini**
11.50 The issue of combination of RT and immunotherapy **T. Illidge**
12.10 The issue of combination of RT and hormone therapy **M. Buglione**
12.30 Final statement approval **G. Chiloiro**

13.00 Keynote lecture 3

Moderator: **S. Magrini**
The issue of time and cancer treatment: modern understanding of tumor microenvironments **R. De Maria Marchiano**

13.45 Course conclusions

Notes: (H&N) Head and Neck, (RT) Radiotherapy