

## Scientific Advisory Board

Alessio Giuseppe Morganti, Giovanna Mantini,  
Mario Balducci, Francesco Cellini,  
Stefano Luzi, Daniela Smaniotto

## Scientific Secretary

Maria Antonietta Gambacorta

## Educational committee

Gian Carlo Mattiucci

## Scientific organizing committee

Francesco Micciché

## Faculty:

Michael BAUMANN (DE), Jean BOURHIS (CH),  
Emmanouil FOKAS (DE), Nicolas FORAY (FR),  
Cai GRAU (DK), Vincent GREGOIRE (BE),  
Karin HAUSERMANS (BE), Peter HOSKINS (UK),  
György KOVACS (DE), Philippe LAMBIN (NL),  
Yolande LIEVENS (BE), Esther TROOST (DE)

Alitto Anna Rita IT

Alterio Daniela IT

Aristei Cynthia IT

Autorino Rosa IT

Bassi Pierfrancesco IT

Baumann Michael DE

Boldrini Luca IT

Bourhis Jean CH

Bria Emilio IT

Campitelli Maura IT

Catucci Francesco IT

Cellini Francesco IT

Cellini Numa IT

Cesario Alfredo IT

Chiesa Silvia IT

Chiloiro Giuditta IT

Cicerone Marina IT

Colloca Giuseppe F. IT

Comito Tiziana IT

Corvari Barbara IT

Corvò Renzo IT

Cusumano Davide IT

Damiani Andrea IT

Deodato Francesco IT

Desideri Isacco IT

Dhont Jennifer BE

Dinapoli Nicola IT

Doglietto Giovanni IT

Donato Vittorio IT

Fionda Bruno IT

Fokas Emmanouil DE

Foray Nicolas FR

Fraschino Vincenzo IT

Gambacorta Maria A. IT

Genovesi Domenico IT

Gentile Piercarlo IT

Grau Cai DK

Gregoire Vincent BE

Hausermans Karin BE

Hoskin Peter UK

Iezzi Roberto IT

Jereczek Fossa Barbara IT

Kovács György DE

Krengli Marco IT

Lambin Philippe NL

Leonardi Maria Cristina IT

Lievens Yolande BE

Macchia Gabriella IT

Magrini Stefano IT

Manfrida Stefania IT

Mantini Giovanna IT

Marazzi Fabio IT

Marchesano Domenico IT

Margaritora Stefano IT

Martino Antonella IT

Masciocchi Carlotta IT

Masetti Riccardo IT

Masiello Valeria IT

Massaccesi Mariangela IT

Mattiucci Gian Carlo IT

Mazzarella Ciro IT

Meldolesi Elisa IT

Merlano Marco IT

Micciché Francesco IT

Morganti Alessio Giuseppe IT

Orecchia Roberto IT

Palazzoni Giovanni IT

Paludetti Gaetano IT

Perez Carlos A. USA

Peris Ketty IT

Petrone Adelina IT

Pirtoli Luigi IT

Russi Elvio IT

Santoni Riccardo IT

Scambia Giovanni IT

Simone Irene IT

Smaniotto Daniela IT

Tagliaferri Luca IT

Tombolini Vincenzo IT

Tortora Giampaolo IT

Troost Esther DE

Valentini Vincenzo IT

Valvo Francesca IT

## Provider 2463

Università Cattolica del Sacro Cuore

e-mail: raffaella.empler@unicatt.it

## The course is accredited for:

**Radiation Oncologists, Medical Oncologists, Radiologists,  
Hematologists**

## Program and information [www.gemelliart.it](http://www.gemelliart.it)

[claudia.dibenedetto@policlinicogemelli.it](mailto:claudia.dibenedetto@policlinicogemelli.it);

Phone +39 0630155226

For registration to the event: [www.unicatt.it](http://www.unicatt.it) ;

<http://fopecom->

[rm.unicatt.it/fopecomonline/default\\_eng.aspx?Edizione=1&IdEvento=5113](http://rm.unicatt.it/fopecomonline/default_eng.aspx?Edizione=1&IdEvento=5113)

## Registration fee

250 euro – AIRO Juniores, person in training

350 euro – full registration

Contact for registration: [radioterapia@policlinicogemelli.it](mailto:radioterapia@policlinicogemelli.it)

## Venue

Policlinico Universitario A.Gemelli

Largo A. Gemelli, 8 - 00168 Rome

Aula Brasca 4° Floor - Main Entrance

## With the unconditional contribution of:



GE Healthcare



UNIVERSITÀ  
CATTOLICA  
del Sacro Cuore

Gemelli



Fondazione Policlinico Universitario Agostino Gemelli IRCCS  
Università Cattolica del Sacro Cuore

ART  
Advanced Radiation  
Therapy

# 28° Residential Course Modern Radiotherapy and unconventional treatments: fractionations, volumes and new drugs

Rome, 8 - 10 October 2018

Aula Brasca  
Policlinico Universitario A. Gemelli

Scientific Coordinator: Vincenzo Valentini

Honorary Presidents  
Carlos A. Perez, Numa Cellini

Endorsed by



Associazione Italiana  
Radioterapia e Oncologia clinica

Monday, 8 October 2018

- 8.00 Registration  
8.45 Opening ceremony  
9.00 **Opening lecture** Moderator: **A.G. Morganti**  
Generating hypothesis approaches: individual practice vs first step of evidence promotion **P. Lambin**

### **Session 1 Definition vs provocation:**

#### **What does unconventional treatment mean?**

Moderator **R. Orecchia**

- 9.30 Conventional vs unconventional RT and radiation response  
**N. Foray**  
10.00 Conventional vs unconventional RT and fractionations **C. Grau**  
10.30 Conventional vs unconventional RT and volumes  
**K. Haustermans**  
**11.00 Coffee Break**  
11.20 Conventional vs unconventional drugs and RT **G. Tortora**  
11.50 Conventional vs unconventional RT and immunotherapy  
**P. Lambin**  
12.20 Discussion

### 12:30 **Keynote lecture 1** Moderator: **C.A. Perez**

Generating hypothesis studies: the DKFZ strategy **M. Baumann**

**13.15 Lunch**

### **Session 2 Unconventional approaches in NSCLC**

Moderators **R. Santoni, S. Margaritora**

- 14.30 Unconventional case **G.C. Mattiucci, M. Campitelli, A. Martino**  
14.50 Unconventional approaches and fractionation **Y. Lievens**  
15.10 Unconventional approaches and volumes **E. Troost**  
15.30 Unconventional approaches and new drugs **E. Bria**  
15.50 Unconventional approaches and proton therapy **M. Krengli**  
16.10 Discussion  
**16.30 Coffee Break**

### 17.00 **Laboratories (small groups)**

Generating hypothesis approaches and new technologies

**J. Dhont, D. Cusumano, L. Boldrini, G. Chiloiro, P. Gentile, V. Frascino**

Generating hypothesis approaches and data collection

**A. Damiani, C. Masciocchi, N. Dinapoli, L. Tagliaferri, S. Chiesa,**

**R. Autorino, G. Macchia**

Generating hypothesis approaches and ethical/legal/grant support issues

**A. Cesario, M. Cicerone, G.C. Mattiucci, B. Corvari, F. Deodato, E. Russi**

Generating hypothesis approaches and how to design a new trial

**F. Cellini, I. Simone, S. Manfrida, G.F. Colloca, D. Genovesi**

Tuesday, 9 October 2018

### **Session 3 Unconventional approaches in H&N cancer**

Moderators: **R. Corvò, G. Paludetti**

- 8.30 Unconventional case **F. Miccichè, M. Massaccesi, C. Mazzarella**  
8.50 Unconventional approaches and fractionation **J. Bourhis**  
9.10 Unconventional approaches and volumes **V. Gregoire**  
9.30 Unconventional approaches and new drugs **M. Merlano**  
9.50 Unconventional approaches and proton therapy **D. Alterio**  
10.10 Discussion  
**10.30 Coffee Break**

### 11.00 **Laboratories (small groups)**

Generating hypothesis approaches and new technologies

**J. Dhont, D. Cusumano, L. Boldrini, G. Chiloiro, P. Gentile, V. Frascino**

Generating hypothesis approaches and data collection

**A. Damiani, C. Masciocchi, N. Dinapoli, L. Tagliaferri, S. Chiesa,**

**R. Autorino, G. Macchia**

Generating hypothesis approaches and ethical/legal/grant support issues

**A. Cesario, M. Cicerone, G.C. Mattiucci, B. Corvari, F. Deodato, E. Russi**

Generating hypothesis approaches and how to design a new trial

**F. Cellini, I. Simone, S. Manfrida, G.F. Colloca, D. Genovesi**

### 12.15 **Keynote lecture 2**

*Generating hypothesis studies: the ESTRO strategy*

Moderator: **S. Magrini**

Lecturer: **Y. Lievens**

**13.00 Lunch**

### **Session 4 Unconventional approaches in Breast cancer**

Moderators: **C. Aristei, R. Masetti**

- 14.00 Unconventional case **D. Smaniotta, G. Palazzoni, V. Masiello**  
14.20 Unconventional approaches and fractionation **M.C. Leonardi**  
14.40 Unconventional approaches and volumes **I. Desideri**  
15.00 Unconventional approaches and new drugs **F. Marazzi**  
15.20 Discussion  
**15.40 Coffee Break**

### 16.00 **Laboratories (small groups)**

Generating hypothesis approaches and new technologies

**J. Dhont, D. Cusumano, L. Boldrini, G. Chiloiro, P. Gentile, V. Frascino**

Generating hypothesis approaches and data collection

**A. Damiani, C. Masciocchi, N. Dinapoli, L. Tagliaferri, S. Chiesa,**

**R. Autorino, G. Macchia**

Generating hypothesis approaches and ethical/legal/grant support issues

**A. Cesario, M. Cicerone, G. C. Mattiucci, B. Corvari, F. Deodato, E. Russi**

Generating hypothesis approaches and how to design a new trial

**F. Cellini, I. Simone, S. Manfrida, G.F. Colloca, D. Genovesi**

### 17.00 **Debate 1 Skin cancer: interventional radiotherapy vs surgery**

Moderator: **V. Tombolini**

pro **G. Kovács** con **K. Peris**

Wednesday, 10 October 2018

### 9.00 **Debate 2 HCC: focal therapy by RT**

Moderator: **N. Cellini**

pro **T. Comito** con **R. Iezzi**

### **Session 5 Unconventional approaches in Prostate cancer**

Moderators: **V. Donato, P. Bassi**

- 9.45 Unconventional case **G. Mantini, F. Catucci, B. Fionda**  
10.05 Unconventional approaches and fractionation **B. Jereczek-Fossa**  
10.25 Unconventional approaches and volumes **P. Hoskin**  
10.45 Unconventional approaches and drugs (Hormone Therapy and Chemotherapy) **A.R. Alitto**  
11.05 Unconventional approaches and heavy particles therapy **F.Valvo**  
11.25 Discussion  
**11.40 Coffee Break**

### 12.00 **Laboratories (small groups)**

Generating hypothesis approaches and new technologies

**J. Dhont, D. Cusumano, L. Boldrini, G. Chiloiro, P. Gentile, V. Frascino**

Generating hypothesis approaches and data collection

**A. Damiani, C. Masciocchi, N. Dinapoli, L. Tagliaferri, S. Chiesa,**

**R. Autorino, G. Macchia**

Generating hypothesis approaches and ethical/legal/grant support issues

**A. Cesario, M. Cicerone, G.C. Mattiucci, B. Corvari, F. Deodato, E. Russi**

Generating hypothesis approaches and how to design a new trial

**F. Cellini, I. Simone, S. Manfrida, G.F. Colloca, D. Genovesi**

### 13.00 **Keynote lecture 3**

*Generating hypothesis studies: the Gemelli IRCCS strategy*

Moderator: **V. Valentini**

Lecturer: **G. Scambia**

**13.45: Lunch**

### **Session 6 Unconventional approaches in Rectal cancer**

Moderators: **L. Pirtoli, G. Doglietto**

- 14.30 Unconventional case **E. Meldolesi, A. Petrone, D. Marchesano**  
14.50 Unconventional approaches and fractionation **K. Haustermans**  
15.10 Unconventional approaches and volumes **M. A. Gambacorta**  
15.30 Unconventional approaches and new drugs **E. Fokas**  
15.50 Discussion

### **Session 7 Possible trials**

Reporters: **S. Manfrida, G.F. Colloca**

Chair: **D. Genovesi, F. Cellini, I. Simone**

16.10 Which trial can I start when I am back home?

17.00 Course conclusions

*Notes: (DKFZ) German Cancer Research Center, (ESTRO) European Society for Radiotherapy and Oncology, (HCC) Hepatocellular Carcinoma, (IRCCS) Istituto di Ricovero e Cura a Carattere Scientifico, (NSCLC) Non-small cell lung cancer, (H&N) Head and Neck, (RT) Radiotherapy*