



# MRO . ART

MODERN RADIOTHERAPY AND PRECISION ONCOLOGY

30° RESIDENTIAL COURSE

23 | 24 November 2020

## Scientific Coordinators

V. Valentini | M.A. Gambacorta | L. Indovina

## Honorary Presidents

C.A. Perez | N. Cellini



UNIVERSITÀ  
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Gemelli

Fondazione Policlinico Universitario Agostino Gemelli IRCCS  
Università Cattolica del Sacro Cuore



ART  
Advanced Radiation  
Therapy

# Monday | 23 November

## MODERN RADIOTHERAPY AND PRECISION ONCOLOGY

TIME	SESSION TITLE	TITLE	SPEAKER
09:00	Opening: course aims and modalities		V.Valentini (I), M.A.Gambacorta (I), L. Indovina (I)
09:15	Introduction of the Lecture (Live)		A.G. Morganti (I), S. Pergolizzi (I) (Moderators)
09:18	Opening lecture (recorded)	Precision medicine in Radiation Oncology: a dilemma or an opportunity	Lecturer: P.Lambin, (NL)
09:48	Introduction to Session 1 (Live)		L. Livi (I), M. Krengli (I) (Moderators)
09:51	Session 1 (live) Precision oncology and heterogeneity: the questions		
09:51	(recorded)	Tumor heterogeneity and clinical choices for the single patient	P. Poortmans (B)
10:03	Statement voting		L. Tagliaferri (I), E. Meldolesi (I)
10:06	(recorded)	Patient perspective and clinical choice of the single patient	M. Sassano (I)
10:18	Statement voting		L. Tagliaferri (I), E. Meldolesi (I)
10:21	(recorded)	Individual oncologist perspectives and treatment choices	B.Glimelius (S)
10:33	Statement voting		L. Tagliaferri (I), E. Meldolesi (I)
10:36	(recorded)	Twin patient by AI: dream or reality?	S. Kyriazakos (DK)
10:48	Statement voting		L. Tagliaferri (I), E. Meldolesi (I)
10:51	Question time		
11:16	<b>BREAK</b>		
11:31	Introduction to Keynote Lecture 1 (Live)		R. Corvò (I), D. Genovesi (I) (Moderators)
11:34	Keynote lecture 1 (recorded)	What is next in precision medicine for Radiation Oncology	Lecturer: M. Baumann (D)
12:04	Laboratories (small groups) (Live with interactions tools)		
12:04		LABORATORY 1 - Devices for precision medicine (Group A)	A. Urbani (I), R. De Maria Marchiano (I), M. Sanguinetti (I), M. Genuardi (I)
12:04		LABORATORY 2 - Radiomics: how, RT implementation, available evidences (Group B)	L. Boldrini (I), J. Lenkowicz (I), G. Chiloiro (I), R. Autorino (I), V. Lancellotta (I)

13:04	LUNCH BREAK		
13:55	Introduction to Session 2 (Live)		C. Fiorino (I), L. Indovina (I), M. Stasi (I) (Moderators)
13:58	Session 2 (Live) Precision oncology and heterogeneity: the RT technology		
13:58	(recorded)	Heterogeneity in individual target movement: its management between research and daily life	D.Verellen (B)
14:10	Statement voting		V. Frascino (I), E. Placidi (I)
14:13	(recorded)	Heterogeneity in individual dose of the day: its management between research and daily life	G.Meijer (NL)
14:25	Statement voting		V. Frascino (I), E. Placidi (I)
14:28	(recorded)	Heterogeneity in individual dose painting: its management between research and daily life	V.Grégoire (F)
14:40	Statement voting		V. Frascino (I), E. Placidi (I)
14:43	(recorded)	Heterogeneity in individual organ at risk involvement: its management between research and daily life	N.Dinapoli (I)
14:55	Statement voting		V. Frascino (I), E. Placidi (I)
14:58	Question time		
15:18	BREAK		
15:33	Networking Break - Meet the Professor		C. Fiorino (I), L. Indovina (I), M. Stasi (I), D.Verellen (B), G.Meijer (NL), V.Grégoire (F), N.Dinapoli (I)
15:58	Introduction to Session 3		G. Tortora (I), V. Tombolini (I) (Moderators)
16:01	Session 3 (Live) Precision medicine and heterogeneity: drug treatment		
16:01	(recorded)	Breast Cancer: New and old Drugs	F. Marazzi (I)
16:13	Statement voting		A.R. Alitto (I), M. Campitelli (I)
16:16	(recorded)	Lung Cancer: New an old Drugs	E. Bria (I)
16:28	Statement voting		A.R. Alitto (I), M. Campitelli (I)
16:31	(recorded)	Prostate Cancer: New and old Drugs	R. Iacovelli (I)
16:43	Statement voting		A.R. Alitto (I), M. Campitelli (I)
16:46	(recorded)	Gastro-Intestinal Cancer: New and old Drugs	L. Salvatore (I)
16:58	Statement voting		A.R. Alitto (I), M. Campitelli (I)
17:01	Question time		
17:20	CLOSURE OF THE DAY		

# Tuesday | 24 November

## MODERN RADIOTHERAPY AND PRECISION ONCOLOGY

TIME	SESSION TITLE	TITLE	SPEAKER
09:00	Introduction to Keynote Lecture (Live)		M.A. Gambacorta (I), F. Deodato (I) (Moderators)
09:03	Keynote Lecture 2 (recorded)	In the frame of precision oncology the role of local control by Radiation Therapy	Lecturer: K.Haustermans (B)
09:33	Introduction to session 4 (Live)		B. Slotman (NL), U. Ricardi (I) (Moderators)
09:36	Session 4 (Live) Precision oncology and heterogeneity: the lung cancer		
09:36		Tumor Board at slow motion	Faculty: E. Throost (D), E. Bria (I), S. Margaritora (I) A. Larici (I)
09:36	Case presentation (Live)	Case 1	M. Massaccesi (I)
09:49	Treatment Voting		M. Massaccesi (I)
09:52	Discussion		
10:18	Post discussionione Voting		M. Massaccesi (I)
10:21	Case presentation (Live)	Case 2	C. Mazzarella (I), A. Martino (I)
10:34	Treatment Voting		C. Mazzarella (I), A. Martino (I)
10:37	Discussion		
11:03	Post discussionione Voting		C. Mazzarella (I), A. Martino (I)
11:06	<b>BREAK</b>		
11:21	Networking Break - Meet the Professor		B. Slotman (NL), U. Ricardi (I), E. Throost (D), E. Bria (I), S. Margaritora (I), A. Larici (I)
11:46	Laboratories (small groups) (Live with interactions tools)		
11:46		LABORATORY 1 - Devices for precision medicine (Group B)	A. Urbani (I), R. De Maria Marchiano (I), M. Sanguinetti (I), M. Genuardi (I),
11:46		LABORATORY 2 - Radiomics: how, RT implementation, available evidences (Group A)	L. Boldrini (I), J. Lenkowicz (I), G. Chiloiro (I), R. Autorino (I), V. Lancellotta (I)
12:46	Introduction to Keynote Lecture 3 (Live)		C. Aristei (I), R.M. D'Angelillo (I) (Moderators)
12:49	Keynote lecture 3 (recorded)	In the frame of precision oncology can Radiotherapy enhance immunotherapy?	S. C. Formenti (USA)
13:13	<b>LUNCH BREAK</b>		

14:13	Introduction to Session 5 (Live)		S. Ramella (I), V. Donato (I) (Moderators)
14:16	Session 5 (Live) Precision oncology and heterogeneity: the oligometastases		
14:16		Tumor Board at slow motion	Faculty: M. Guckenberger (CH), D.Verellen (B), B.Jereczek-Fossa (I), S.C. Formenti (USA)
14:16	Case presentation (Live)	Case 1	F. Cellini (I)
14:29	Treatment Voting		F. Cellini (I)
14:32	Discussion		
14:58	Post discussione Voting		F. Cellini (I)
15:01	Case presentation (Live)	Case 2	G.F. Colloca (I), S. Manfrida (I)
15:14	Treatment Voting		G.F. Colloca (I), S. Manfrida (I)
15:17	Discussion		
15:43	Post discussione Voting		G.F. Colloca (I), S. Manfrida (I)
15:46	Introduction to Final Debate (Live)		S.M. Magrini (I), V. Valentini (I) (Moderators)
15:49	Final debate (Live)	Precision oncology in Radiotherapy will be based on AI or molecular knowledge?	A. Dekker (NL) vs D. Zips (D)
16:34	Post discussion voting		F. Beghella (I)
16:37	BREAK		
16:52	Closing remarks		V. Valentini (I), M.A. Gambacorta (I), L. Indovina (I)
17:12	EVENT CLOSURE		

Scientific Advisory Board: C. Aristei, M. Balducci, F. Cellini, F. Deodato, A. Fiorentino, D. Genovesi, G. Macchia, G. Mantini

Scientific Secretariat: G.C. Mattiucci, F. Miccichè

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