

2015 19-21
Feb.

4th



AROME

Association of
Radiotherapy and Oncology
of the Mediterranean area

AROME Radiobiology Course and Innovations: from biology to clinical practice of hypo fractionation and Stereotactic Radiotherapy

Wyndham Istanbul Kalamis Marina, Turkey



www.aromecancer.org



Organization Secretariat

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Prof. Nuran Bese
Prof. Mahmut Ozsahin
Prof. Sedat Turkan
Doç.Dr. Evrim Tezcanli
Phys. Meltem Yilmaz

AROME ORGANIZING COMMITTEE

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Prof. Yazid Belkacemi
Dr. Joseph Gligorov
Prof. Abraham Kuten

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E. Tezcanli (TR)
S. Turkan (TR)
P. G. Tsoutsou (GR/CH)
M. C. Vozenin (CH)
D. Yalman (TR)
Y. Yarden (IL)

Thursday, Feb. 19, 2014

13:00 - 14:00

Registration

SESSION I

CANCER CELL PROLIFERATION AND CELL DEATH

14:00 - 15:45

Moderator: G. Demir (TR)

Teacher: Y. Yarden (IL)

Sustaining proliferative mechanisms in cancer

Proliferative signalling

Cell death

Autophagy - cell survival and death

Necrosis has Pro-inflammatory and Tumor-Promoting Potential

Angiogenesis induction

Angiogenic switch

Activating invasion and metastasis

15:45 - 16:00

COFFEE BREAK

SESSION II

RESISTANCE TO THERAPY: MECHANISMS AND CHALLENGE TO OVERCOME RESISTANCE TO CHEMOTHERAPY AND TARGETED THERAPIES

16:00 - 17:30

Moderator: G. Basaran (TR)

Teacher: J. Gligorov (FR)

Resistance to endocrine treatments (breast and prostate)

Resistance to anti-HER treatments (HER1-2)

Resistance to anti-angiogenic drugs

Resistance to chemotherapies

17:30-18:00

Moderator: Y. Belkacemi (FR)

Teacher: B. Rosenstein (USA)

The Radiogenomic Consortium

19:00 - 20:00

WELCOME COCKTAIL

Friday, Feb. 20, 2014

COURSE I

9:00 - 10:15

BASIC PRINCIPLES OF RADIATION BIOLOGY

Moderator: S. Turkan (TR)

Teacher: M. N. Pruschy (CH)

- 4/5 R's of Radiotherapy
- Linking Hallmarks of Cancer to 4/5 R's of Radiotherapy
- Modes of (Radiation-Induced) Cell Death

COURSE II

10:15 - 11:30

RADIOBIOLOGY AND HYPOFRACTIONATION

Moderator: N. Bese (TR)

Teacher: M. C. Vozenin (CH)

- Biology of Hypofractionation: Tumor-oriented
- Biology of Hypofractionation: Normal Tissue-oriented

COURSE III

11:30 - 13:00

CLINICAL RADIOBIOLOGY AND HYPOFRACTIONATION

Moderator: S. Okkan (TR)

Teacher: B. Rosenstein (USA)

- Overview on classic clinical radiobiological parameters and relationships in/from the time of conventional fractionation regimens of radiotherapy
- Relevance and application of clinical radiobiological parameters and relationships for hypofractionated and stereotactic radiotherapy

13:00-14:00

LUNCH BREAK

COURSE IV

14:00 - 15:40

THE CLINICAL PRACTICE OF HYPOFRACTIONATED RT AND SBRT

Moderators: A. Kuten (IL), M. Akmansu (TR), O. Senkesen (TR)

- Physics : G. Gungor (TR)
- Breast : Whole breast: N. Bese, (TR)
Partial breast: Y. Belkacemi (YB)
- Lung : P. G. Tsoutsou (GR/CH)
- Brain : M. Sengoz (TR)

15:40 - 16:00

COFFEE BREAK

16:00 - 17:00

Moderators: M. Ozsahin (TR/CH), U. Abacioglu (TR)

- Extracranial SBRT (GIS, Bone, Oligometastases): E. Ozyar (TR)
- Prostate: D. Yalman (TR)
- TBI : Y. Belkacemi (FR)

17:00 - 18:00

Moderator: A. Kuten (IL)

Hypofractionation: from the economic point of view (panel discussion)

Saturday, Feb. 21, 2014

COURSE IV

THE CLINICAL PRACTICE OF HYPOFRACTIONATED RT AND SBRT (CONT)

9:00 - 10:00

Moderators: P. G. Tsoutsou (GR/CH), S. Igdem (TR)

- Reirradiation: M. Ozsahin (TR/CH)
- Palliative RT: E. Tezcanlı (TR)

COURSE V

PERSPECTIVES OF USE OF HOST IMMUNITY TARGETING TO INCREASE RESPONSE TO RADIOTHERAPY

10:00 - 11:00

Moderator: Y. Yarden (IL)

Teacher: N. Radosevic (FR)

Mechanisms of harnessing the immune system to increase anti-tumor responses following radiotherapy

COURSE VI

TARGETING MOLECULAR ELEMENTS FOR RADIOSENSITIZATION

11:00 - 12:30

Moderator: J. Gligorov (FR)

Teachers: M. Pruschy (CH), M.C. Vozenin (CH)

- Modifying radiation response
- Combined radiotherapy with chemotherapy
- Antibodies and small molecules
- Cancer stem cells as targets

12:30

Concluding remarks

J. Gligorov (FR), Y. Belkacemi (FR), N. Bese (TR), A. Kuten (IL)

ACCOMMODATION AND REGISTRATION

COURSE VENUE

Wyndham Grand Istanbul Kalamis Marina
Fener Kalamis Caddesi No 38, Istanbul, 34726

Located on the Asian coast of Istanbul adjacent to the exclusive Kalamis Marina and offering breathtaking views of the Sea of Marmara, the newly constructed, five-star Wyndham Grand Istanbul Kalamis Marina hotel offers travelers a welcome refuge in a destination where East effortlessly meets West. With shopping, attractions, recreation and dining nearby, coupled with a stunning location in the heart of the most elegant residential neighborhood on the Asian side of Istanbul and a myriad of amenities and world-class services, business and leisure travelers alike will find this Istanbul Kalamis Marina hotel their ideal choice when lodging in the City of the World's Desire.

REGISTRATION	30 €
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HOTEL PER NIGHT	SNG ROOM	DBL ROOM
Wyndham Kalamis Marina	150 €	170 €
Dila Hotel	70 €	80 €

**Hotel prices are per night, included breakfast*

HOTEL & REGISTRATION PACKAGE	SNG*	DBL**
Wyndham Kalamis Marina	460 €	660 €
Dila Hotel	300 €	480 €

**Package prices included 2 nights single bed&breakfast accommodation,
2 dinners, 1 lunch, 2 coffeee breaks, cocktail and registration*

***Package prices included 2 nights double bed&breakfast accommodation,
2 dinners, 1 lunch, 2 coffeee breaks, cocktail and registration (for 2 participants)*



ORGANIZATION SECRETARIAT

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