



AROME Association of
Radiotherapy and Oncology
of the Mediterranean area

2015
19-21
Feb.

4th

**AROME Radiobiology Course
and Innovations: From biology to
clinical practice of hypofractionation
and stereotactic radiotherapy**

Wyndham Istanbul Kalamis Marina, Turkey



www.aromecancer.org



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Prof. Sedat Turkan
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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)

J. Wondergem (NL)

D. Yalman (TR)

Y. Yarden (IL)

PROGRAMME

Thursday, Feb. 19, 2014

13:00 - 13:45

Registration

13:45 - 14:00

Opening and Welcome N. Bese (TR), J. Gligorov (FR)

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

18:00 - 19:30

WELCOME COCKTAIL

Friday, Feb. 20, 2014

COURSE I

BASIC PRINCIPLES OF RADIATION BIOLOGY

9:00 - 10:15

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

RADIOBIOLOGY AND HYPOFRACTIONATION

10:15 - 11:30

Moderator: N. Bese (TR)

Teacher: M. C. Vozenin (CH)

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

COURSE III

CLINICAL RADIOBIOLOGY AND HYPOFRACTIONATION

11:30 - 13:00

Moderator: S. Okkan (TR)

11:30 - 12:30

Teacher: J. Wondergem (NL)

- Time, dose and fractionation in RT, cell survival curves and dose - response relations

12:30-13:00

Teacher: M. C. Vozenin (CH)

- Relevance and application of clinical radiobiological parameters and relationships for hypofractionated and stereotactic radiotherapy

13:00-14:00

LUNCH BREAK

PROGRAMME

COURSE IV

THE CLINICAL PRACTICE OF HYPOFRACTIONATED RT AND SBRT

14:00 - 15:40

Moderators: M. Akmansu (TR), O. Senkesen (TR)

- Physics : G. Gungor (TR)
- Breast : Whole breast: N. Bese (TR)
Partial breast: Y. Belkacemi (FR)
- 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)

- Role of SRS in oligometastatic disease: E. Ozyar (TR)
- Prostate: D. Yalman (TR)
- TBI: Y. Belkacemi (FR)

17:00 - 17:30

Moderators: A. Kuten (IL), S. Peker (TR)

- SBRT using Tomotherapy: M. Ozsahin (TR/CH)
- Clinical Implementation of RapidArc® - Focus on SRS and SABR
U. Abacioglu (TR)

Saturday, Feb. 21, 2014

COURSE V

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. Tezcanli (TR)

COURSE VI

TARGETING MOLECULAR ELEMENTS FOR RADIOSENSITIZATION

10:00 - 12:00

Moderators: J. Gligorov (FR), Y. Yarden (IL)

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

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

12:00

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.

	Before February 1, 2015	After February 1, 2015
REGISTRATION	30 €	50 €

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)*

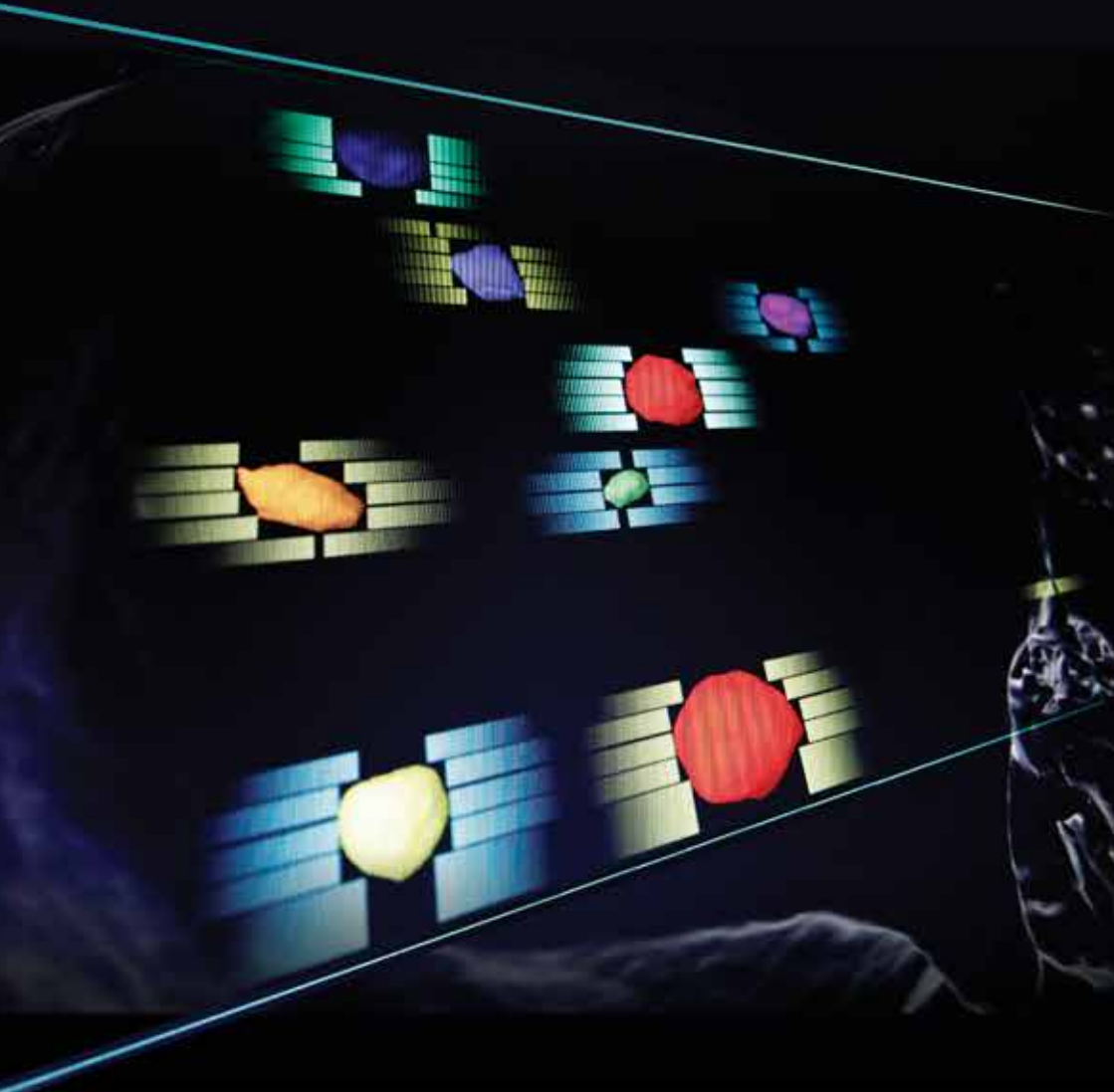


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