

3rd Central European Symposium on Radiation Oncology

CESORO-3

6-8.10.2016, Ustron, Poland

Dear friends and colleagues,

*On behalf of the organizing committee I am delighted to welcome you to the **3rd Central European Symposium on Radiation Oncology – Technological and Biological Sunrise for Radiation Oncology.***

*The conference will be held in **Ustroń, Poland**, on **October 6th-8th, 2016.***

The CESORO series has quickly established itself as an annual informal meeting fostering scientific co-operation between Polish, European and American centers. Previous conferences were organized in Gliwice (2014) and Kraków (2015).

The CESORO-3 subjects include:

Radiation Biology and Biomarkers

Particle Therapy

Contemporary Radiotherapy and Personalized Treatment

We look forward to welcoming you in Ustron!

Prof. Krzysztof Skłodowski



MARIA SKŁODOWSKA-CURIE MEMORIAL
CANCER CENTER AND INSTITUTE OF ONCOLOGY
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Registration (deadline 15-09-2016) and abstract submission (deadline 31-08-2016) is available via the conference web page: <<http://cd.io.gliwice.pl/cesoro/>>

The conference venue is the Hotel Belweder in Ustron, ul. Zdrojowa 15, 43-450 Ustroń

3rd Central European Symposium on Radiation Oncology
Technological and Biological Sunrise for Radiation Oncology
6-8.10.2016, Ustroń, Poland

Scientific Program

Thursday: 6th October 2016

19:00 – Welcome Dinner

Friday: 7th October 2016

9:00 – 9:10 Opening Ceremony

9:10 – 11:30 Radiation Biology and Biomarkers (Part 1)

- **Michael Story** (UTSW, Dallas): *title pending [30']*
- **Annete Linge** (TUD, Dresden): *Biomarkers for individualisation of radiochemotherapy in HNSCC – the German DTK experience [30']*
- **Katalin Lumniczky** (NRIRR, Budapest): *Radiochemotherapy induced phenotypical changes in peripheral blood cells of cancer patients [30']*
- **Tomasz Rutkowski** (IO, Gliwice): *Circulating free HPV DNA as a prognostic marker in patients with HPV-related head and neck cancer treated with radiotherapy or radio-chemotherapy [20']*
- **Piotr Widlak** (IO, Gliwice): *Inflammation related to acute radiation toxicity is the major factor affecting molecular changes observed in blood of cancer patients treated with radiotherapy [20']*
- Presentation selected from submitted abstracts [10']

11:30 – 12:00 Coffee Break (and poster viewing)

12:00 – 14:00 Particle Therapy (Part 1)

- **Marco Schwartz** (Trento Hospital, Trento): *How can protons improve radiation oncology? [30']*
- **Roberto Orecchia** (CNAO, Pavia): *Hadrontherapy with heavy ions: current indications and future perspectives [30']*
- **Thomas Bjork Errickson** (Skandion Clinic, Uppsala): *One year of clinical practice at the Skandion Clinic - ups and downs [30']*
- **Jiri Kubes** (PTC, Prague): *Radiochemotherapy with protons [30']*

14:00 – 15:00 Lunch (and poster viewing)

15:00 – 18:30 Contemporary Radiotherapy and Personalized Treatment (Part 1)

- **Hak Choy** (UTSW, Dallas): *I-SABR [30']*
- **Rafał Dziadziuszko** (GUMed, Gdańsk): *Stage III NSCLC – how to individualize definitive radio-chemotherapy? [20']*
- **Krzysztof Skłodowski** (IO, Gliwice): *Continuous, chronological monitoring of selected biomarkers can predict the outcome of SCCHN patients treated by RT with or without chemotherapy [20']*
- **Bogusław Maciejewski*** (IO, Gliwice): *Volumetric staging and molecular and image guided radiotherapy for H&N cancer [20']*

16:30 – 17:00 Coffee Break (and poster viewing)

- **Rafał Suwiński** (IO, Gliwice): *Immunotherapy and the abscopal effect of radiotherapy* [20']
- **Rafał Tarnawski** (IO, Gliwice): *Molecular imaging of breast cancer heterogeneity* [20']
- **Joanna Polańska** (SUT, Gliwice): *Computer aided segmentation of brain tumour in MRI apparent diffusion coefficient (ADC) maps* [20']
- Presentation selected from submitted abstracts [10']
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19:30 – Conference Dinner

Saturday; 8th October 2016

9:00 – 11:00 Contemporary Radiotherapy and Personalized Treatment (Part 2)

- **Asal Rahimi** (UTSW, Dallas): *S-PBI (Stereotactic Partial breast Irradiation)* [30']
- **Leszek Miszczyk** (IO, Gliwice): *CyberKnife (CK) radioablation for prostate cancer patients – early results of 400 patients treatment* [20']
- **Rafał Tarnawski** (IO, Gliwice): *Imaging of cervical cancer recurrence (lecture sponsored by Roche)* [20']
- **Marek Kozicki*** (LUT, Lodz): *Using 3D dosimetry in radiotherapy: DosLab-Poland experience* [15']
- **Jacek Wendykier*** (IO, Gliwice): *Dosimetric verification of treatment planning systems* [15']
- Presentation selected from submitted abstracts [10']
- Poster summary and conclusions of the session [10']

11:00 – 11:30 Coffee Break (and poster viewing)

11:30 – 13:00 Particle Therapy (Part 2)

- **Jacek Capala** (NCI-NIH, Bethesda): *NCI-sponsored clinical trials of proton- and carbon-beam therapy* [30']
- **Xun Jia** (UTSW, Dallas): *Fast Monte Carlo simulation on GPU platform for particle therapy* [30']
- **Paweł Olko** (IFJ, Kraków): *Cooperation towards the first patient on proton scanning beam at the Bronowice Cyclotron Centre* [20']
- Poster summary and conclusions of the session [10']

13:00 – 14:10 Radiation Biology and Biomarkers (Part 2)

- **Dorota Słonina*** (IO, Kraków): *Mechanism and clinical relevance of low-dose hyper-radiosensitivity* [20']
- **Andrzej Gamian*** (WMU, Wrocław): *Unconventional glycation products and their partially protective activity against DNA damage in cells irradiated with X ray* [20']
- **Andrzej Dworak*** (CPCM, Zabrze): *Nanocarriers of doxorubicin via thermally induced aggregation of its polymeric conjugates* [20']
- Poster summary and conclusions of the session [10']

14:10 – 14:15 General conclusions and closing ceremony

14:15 – Lunch

* Lectures sponsored by Polish Radiation Research Society