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CCCF COMPREHENSIVE CANCER CENTER FREIBURG

8th LANGENDORFF - Symposium

LUNG CANCER: INNOVATIVE DIAGNOSIS AND TREATMENT



MARCH 22ND - 23RD 2019

Location: Lecture Hall | Department of Obstetrics and Gynecology

DEPARTMENT OF RADIATION ONCOLOGY

DEPARTMENT OF THORACIC SURGERY

DEPARTMENT OF HEMATOLOGY, ONCOLOGY AND STEM-CELL TRANSPLANTATION

Medical Center - University of Freiburg | Germany

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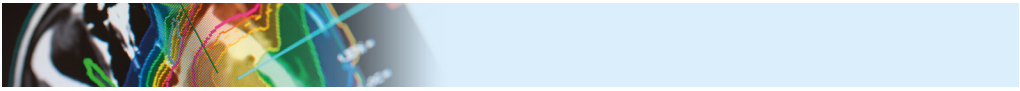


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8th LANGENDORFF - Symposium

LUNG CANCER: INNOVATIVE DIAGNOSIS AND TREATMENT



Dear colleagues, dear patients,

Continuing the fruitful research cooperation in the tradition of Hanns Langendorff, we are honored to invite you to the 8th Langendorff Symposium in Freiburg!

The past years in lung cancer research have yielded new therapeutic options. Due to a very strong interdisciplinary collaboration and research, the Medical Center – University of Freiburg is one of the leading centers in treating lung cancer in Germany. Recently, we have successfully completed two prospective trials sponsored by German Cancer Aid: 1) STRIPE (PI: A.-L. Grosu) evaluated the role of SBRT in inoperable lung lesions. 2) PET-Plan (PI: U. Nestle), a multi-center randomized trial, compared FDG-PET and CT for target volume delineation in patients treated with definitive radiochemotherapy for locally advanced lung cancer. We would be honored to discuss these interesting results with you.

The symposium will be a platform for presenting new interdisciplinary, translational aspects in the evolving field of lung cancer. Focal points will include diagnosis, functional and biological imaging, immunology, targeted therapies, surgery, and radiation therapy.

Join a multidisciplinary reunion of specialists in an international contribution for improving clinical practice and providing optimal care for our patients!



**Professor
Anca-Ligia Grosu**
Medical Director of the
Department of
Radiation Oncology



**Professor
Bernward Passlick**
Medical Director of the
Department of
Thoracic Surgery



**Professor
Justus Duyster**
Medical Director of the
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Dr. Eleni Gkika

Vice Chair, Department of Radiation Oncology
University of Freiburg
Phone: +49 (0) 761 270 94580
eleni.gkika@uniklinik-freiburg.de

Eva Hermann

Research Coordinator, Department of Radiation Oncology
University of Freiburg
Phone: +49 (0) 761 270 94911
eva.hermann@uniklinik-freiburg.de

Department of Radiation Oncology,
Department of Thoracic Surgery,
Department of Hematology, Oncology and Stem-Cell Transplantation
Medical Center – University of Freiburg (Germany)

CONTACT

Elke Bührer

Congress Organizer
Phone: +49 (0) 761 270 19210
elke.angela.buehrer@uniklinik-freiburg.de

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Institut Gustave Roussy, Villejuif (FR)

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The Royal Brompton Hospital, London (UK)

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Medical University of Innsbruck (AT)

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PROGRAM Friday, March 22nd, 2019

8:00-8:15 **REGISTRATION, COFFEE/TEA**

8:15-8:25 **OPENING CEREMONY / GREETING REMARKS**

Anca-L. Grosu

Chair of the Department of Radiation Oncology, Freiburg

Chair of the Hanns Langendorff Foundation Committee

Frederik Wenz

Chief Medical Officer, Medical Center University of Freiburg

8:25-8:45 **OPENING KEY NOTE LECTURE**

Chair:

Eleni Gkika (Freiburg)

Radiation oncology & lung cancer: Opportunities and challenges

Bhadrasain Vikram (Rockville MD)

8:45-9:05 **KEY NOTE LECTURE**

Chair:

Anca-L. Grosu (Freiburg)

PET-Plan Study

Optimizing the radiation therapy planning in patients with locally advanced inoperable NSCLC using F-18-FDG

Ursula Nestle (Freiburg/Mönchengladbach)

9:05-9:15 **SHORT BREAK**

9:15-11:15 **LOCALLY ADVANCED NSCLC: IIIA / IIIB**

Chairs:

Ute Ganswindt (Innsbruck), Bernward Passlick (Freiburg)

9:15 **Optimal treatment in stage III/N2?**

From a surgeon's perspective

Eric Lim (London)

9:35 **Salvage surgery in the therapy of locally advanced lung carcinoma**

Horia Sirbu (Erlangen)

9:55 **Optimal treatment in stage III/N2?**

From a radiation oncologist's perspective

Martin Stuschke (Essen)

10:15 **pN2 to irradiate or not to irradiate?**

Cécile Le Pechoux (Villejuif)

10:35 **Dose-escalation in NSCLC ? What have we learned so far**

Andreas Rimner (New York)

10:55 **The role of immunotherapy in stage III**

Eleni Gkika (Freiburg)

11:15-11:30 **COFFEE/TEA AND INDUSTRY EXHIBITION**

11:30-12:50 **(OLIGO)-METASTATIC NSCLC**

Chairs:

Peter Lukas (Innsbruck), Dimos Baltas (Freiburg)

11:30 **Oligometastatic state in NSCLC: Does it exist?**

Wilfried Eberhardt (Essen)

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PROGRAM Friday, March 22nd, 2019

- 11:50 **Targeted therapies in combination with SBRT**
Matthias Guckenberger (Zürich)
- 12:10 **Treatment of patients with OMD and early primary tumors**
Severin Schmid (Freiburg)
- 12:30 **Combination of immunotherapies with radiotherapy in the oligometastatic setting**
Evert Van Limbergen (Maastricht)
- 12:50-13:10 KEY NOTE LECTURE**
Chair: Claus Belka (Munich)
- STRIFE study**
Sonja Adebahr (Freiburg)
- 13:10-14:10 LUNCH**
POSTER SESSION AND INDUSTRY EXHIBITION
Sonja Adebahr (Freiburg), Tanja Schimek-Jasch (Freiburg)
- 14:10 –15:10 EARLY STAGE NSCLC**
Chairs: Rita Engenhart-Cabillic (Gießen/Marburg), Rainer Fietkau (Erlangen)
- 14:10 **Minimal-invasive surgery for early stage lung cancer: Low risk and excellent long term outcome**
Bernward Passlick (Freiburg)
- 14:30 **Robotic surgery for lung cancer: Is this the future?**
Bernard J. Park (New York)
- 14:50 **Radiosurgery (single fraction radiotherapy) in lung tumors**
Mattia Osti (Rome)
- 15:10-15:25 COFFEE/TEA AND INDUSTRY EXHIBITION**
- 15:25-17:25 IMAGING AND RADIOMICS**
Chairs: Stephanie Combs (Munich), Peter Kneschaurek (Munich)
- 15:25 **PET CT - new developments - future perspectives ?**
Wolfgang Weber (Munich)
- 15:45 **Development and clinical application of radiomics in lung cancer**
Fabian Bamberg (Freiburg)
- 16:05 **Digital PET: Prospects for higher accuracy in biological radiation therapy planning**
Michael Mix (Freiburg)
- 16:25 **Metabolic tumor response using FDG PET CT after multimodal therapy of locally-advanced lung cancer. How and when?**
Farkhad Manapov (Munich)

PROGRAM Friday, March 22nd, 2019

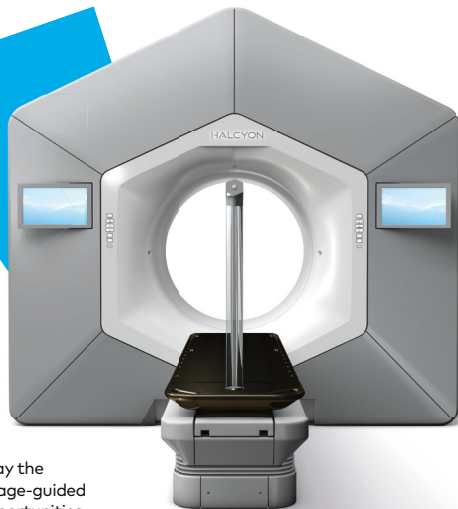
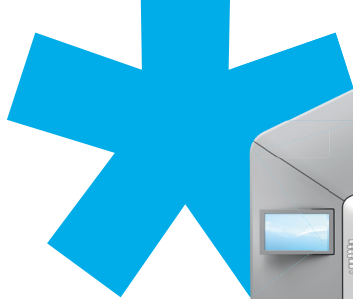
- 16:45 **Technical developments of MRI for lung lesions**
Michael Bock (Freiburg)
- 17:05 **The impact of DW-MRI in the radiotherapy planning of NSCLC**
Jochen Fleckenstein (Homburg)
- 19:00 DINNER AND AWARD CEREMONY**
- Hanns-Langendorff-Award 2019**
Christoph Reiners (Würzburg)
- Hermann-Frommhold-Award 2019**
Hermann Frommhold (Freiburg)
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PROGRAM Saturday, March 23rd, 2019

8:45-10:45 **DIAGNOSIS, BIOLOGY AND PATHOLOGY**

Chairs: Daniel Zips (Tübingen), Martin Werner (Freiburg)

8:45 **The role of pulmonary function testing in the treatment of lung cancer**
Sebastian Fähndrich (Freiburg)

9:05 **Liquid and tissue biopsy in tumor classification and therapy prediction**
Gian Kayser (Freiburg)

9:25 **Molecular determinants of lung adenocarcinoma metastasis and epigenetic therapy response**
Sven Diederichs (Freiburg)

9:45 **CRISP in NSCLC**
Frank Griesinger (Oldenburg)

10:05 **Radiation and tumor immunotherapy**
Gabriele Niedermann (Freiburg)

10:25 **Biomarkers in lung cancer**
Daniel G. Duda (Boston)

10:45-11:05 **KEY NOTE LECTURE**

Chair: Christoph Peters (Freiburg)

**Changing landscape in oncology
- What will radiation oncologists do in 25 years?**
Michael Baumann (Heidelberg)

11:05-11:35 **COFFEE/TEA AND INDUSTRY EXHIBITION**

11:35-12:15 **PROTON THERAPY IN LUNG CANCER**
Chairs: Nils H. Nicolay (Freiburg), Simon Kirste (Freiburg)

11:35 **Proton therapy in lung cancer - A physicist point of view**
Thomas Bortfeld (Boston)

11:55 **Proton therapy in lung cancer
- A radiation oncologist point of view**
Esther Troost (Dresden)

12:15-12:35 **KEY NOTE LECTURE**

Chair: Justus Duyster (Freiburg)

**The evolving role of immunotherapy in the
treatment of lung cancer**
Egbert F. Smit (Amsterdam)

12:35-13:35 **LUNCH**

POSTER SESSION AND INDUSTRY EXHIBITION

Sonja Adebahr (Freiburg), Tanja Schimek-Jasch (Freiburg)

8th LANGENDORFF - Symposium

LUNG CANCER: INNOVATIVE DIAGNOSIS AND TREATMENT

PROGRAM Saturday, March 23rd, 2019

13:35-14:55 SYSTEMIC TREATMENTS

Chairs: Karin Kapp (Graz), Wilfried Budach (Düsseldorf)

13:35 **Targeted therapies in NSCLC: ALK/ROS**
Michael Thomas (Heidelberg)

13:55 **Targeted therapies in NSCLC: EGFR**
Cornelius Waller (Freiburg)

14:15 **Molecular profiling in lung cancer:
German Network Genomic Medicine (nNGM)**
Jürgen Wolf (Cologne)

14:35-15:10 *COFFEE/TEA AND INDUSTRY EXHIBITION*

15:10-16:50 THE OPTIMAL TREATMENT FOR SCLC

Chairs: Justyna Rawluk (Freiburg), Heinz Schmidberger (Mainz)

15:10 **Surgery for patients with SCLC: An underused option**
Frank Detterbeck (New Haven)

15:30 **New treatment approaches in the systemic therapy of SCLC**
Martin Sebastian (Frankfurt)

15:50 **The role of chest radiation in the management of SCLC**
Paul Van Houtte (Brussels)

16:10 **Is there a role for PCI in the metastatic disease?**
Stefan Rieken (Heidelberg)

16:30 **BigART: Biology Guided Adaptive Radiation Therapy in lung cancer**
Feng-Ming Kong (Indianapolis)

16:50 CLOSING REMARKS

Anca-L. Grosu (Freiburg)



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