



Clinical Observership Program “Lung Cancer”

20th – 21st June 2024

Hörsaalzentrum,
Medical University of Vienna, University Hospital
Vienna, Währinger Gürtel 18–20, 1090 Vienna

www.meduniwien.ac.at/observership-lung-cancer

DEPARTMENT OF THORACIC SURGERY



MEDICAL UNIVERSITY
OF VIENNA



Vienna Healthcare Group
University Hospital Vienna

Dear colleagues,

the diagnosis and treatment of patients with lung cancer have undergone tremendous changes in the last years. Recent advances in screening, imaging, tissue diagnostics, and bronchoscopic techniques aim to achieve a stage shift through earlier diagnosis and improved overall survival rates. Advances in surgical techniques and radiation oncology, together with routine implementation of immunotherapy and targeted therapies in the curative stages of lung cancer, have led to enhanced individualized treatment options and improved outcomes in survival rates and quality of life. Preclinical and translational research on new compounds will further strengthen the therapeutic options across all stages of lung cancer.

The growing spectrum of multimodal treatment approaches highlights the importance of interdisciplinary cooperation in fostering optimal individualized decision-making.

This two-day clinical observership program intends to provide a comprehensive overview of all relevant topics in the field and allow detailed insights into practical aspects of patient pathways, decision making, and available facilities at the Medical University of Vienna.

Looking forward to an interesting and exciting clinical immersion!

Clemens Aigner

Department of Thoracic Surgery,
MedUni Vienna/University Hospital Vienna

Chair

Clemens Aigner

Department of Thoracic Surgery,
MedUni Vienna/University Hospital Vienna

Faculty

Georg Langs, Marcus Hacker and Helmut Prosch

Department of Biomedical Imaging
and Image-guided Therapy,
MedUni Vienna/University Hospital Vienna

Leonhard Müllauer

Department of Pathology,
MedUni Vienna/University Hospital Vienna

**Christina Bal, Daniela Gompelmann and
Marco Idzko**

Department of Medicine II, Division of Pulmonology,
MedUni Vienna/University Hospital Vienna

**Balazs Döme, Mir Alireza Hoda, Berta Mosleh,
Karin Schelch and Thomas Schweiger**

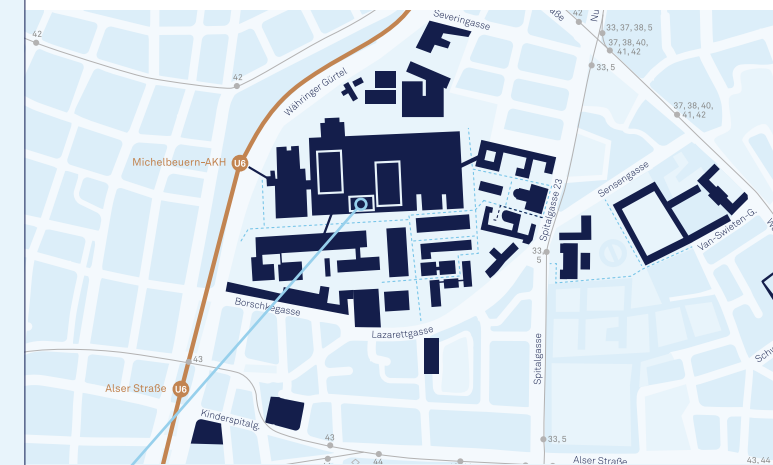
Department of Thoracic Surgery,
MedUni Vienna/University Hospital Vienna

Martin Heilmann and Joachim Widder

Department of Radiation Oncology,
MedUni Vienna/University Hospital Vienna

**Thorsten Füreder, Barbara Kiesewetter-Wiederkehr
and Ariane Steindl**

Department of Medicine I, Division of Oncology,
MedUni Vienna/University Hospital Vienna



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Währinger Gürtel 18–20, 1090 Vienna

In cooperation with:

Comprehensive Cancer Center
MedUni Vienna/University Hospital Vienna

Comprehensive Center for Chest Diseases
MedUni Vienna/University Hospital Vienna



Please be aware that photographs and/or video footage will be taken at the event. These may be used for the purpose of documenting or reporting the event and published in print and online media, on various social media platforms and on MedUni Vienna's website.

Program

Thursday, 20th June 2024

8.45 – 9.00 am

Welcome

Clemens Aigner

9.00 – 10.30 am

Imaging and biomarkers

- **Machine learning and AI in radiological diagnostic work-up**

Georg Langs

- **New tracers in nuclear medicine**

Marcus Hacker

- **Molecular pathology – routine reflex testing and investigational biomarkers**

Leonhard Müllauer

10.30 – 11.00 am

Coffee break

11.00 am – 12.30 pm

Pulmonology

- **Modern bronchoscopic techniques in diagnosis and therapy**

Daniela Gompelmann

- **Mediastinal staging – state of the art:**

- **Bronchoscopy**

Christina Bal

- **Mediastinoscopy**

Berta Mosleh

- **Functional work-up of patients and borderline situations**

Marco Idzko

12.30 – 1.00 pm

Lunch

1.00 – 3.00 pm

Tumor board

3.00 – 4.30 pm

Thoracic Surgery

- **Parenchymal sparing surgery in early and advanced lung cancer**

Mir Alireza Hoda

- **Innovative multimodal treatment concepts**

Clemens Aigner

- **Surgery in OMD**

Thomas Schweiger

Friday, 21st June 2024

9.00 – 10.30 am

Clinical Immersion – Rotations possible

- **Group 1:** Thoracic Surgery, OP Group 2, Level 9

- **Group 2:** Interventional Bronchoscopy, Intervention room 7C, Level 7

- **Group 3:** Radiation Oncology site visit

- **Group 4:** Medical Oncology site visit
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10.30 – 11.00 am

Case based discussion of radiological stagings

Helmut Prosch

11.00 am – 12.00 pm

Radiation Oncology

- **Stereotactic radiation – current state of the art**

Joachim Widder and Martin Heilmann

- **Combining IO and SABR – the future?**

Joachim Widder and Martin Heilmann

12.00 – 1.00 pm

Lunch

1.00 – 2.30 pm

Medical Oncology

- **Targeted therapies – new developments in stage IV**

Barbara Kiesewetter-Wiederkehr

- **Immune checkpoint inhibition – innovative agents**

Thorsten Füreder

- **How to deal with brain metastases**

Ariane Steindl

2.30 – 3.00 pm

Coffee break

3.00 – 5.00 pm

Research

- **New Targets in SCLC**

Balazs Döme

- **From bench to bedside and back in SCLC, NSCLC and mesothelioma**

Karin Schelch

- **Clinical research facilities**

Faculty

5.00 pm

Summary, feedback and farewell

Clemens Aigner